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TITLE 7—AGRICULTURE

Chapter IX—Agricultural Marketing Service (Marketing Agreements and Orders), Department of Agriculture

[Lemon Reg. 675, Amdt. 1]

PART 953—LEMONS GROWN IN CALIFORNIA AND ARIZONA

LIMITATION OF SHIPMENTS

Findings. 1. Pursuant to the marketing agreement, as amended, and Order No. 53, as amended (7 CFR Part 953; 21 F. R. 4393), regulating the handling of lemons grown in the State of California or in the State of Arizona, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U. S. C. 601 et seq.; 68 Stat. 906, 1047), and upon the basis of the recommendation and information submitted by the Lemon Administrative Committee, established under the said amended marketing agreement and order, and upon other available information, it is hereby found that the limitation of the quantity of such lemons which may be handled, as hereinafter provided, will tend to effectuate the declared policy of the act.

2. It is hereby further found that it is impracticable and contrary to the public interest to give preliminary notice and engage in public rule-making procedure, and postpone the effective date of this amendment until 30 days after publication thereof in the FEDERAL REGISTER (60 Stat. 237; 5 U. S. C. 1001 et seq.) because the time intervening between the date when information upon which this amendment is based became available and the time when this amendment must become effective in order to effectuate the declared policy of the Agricultural Marketing Agreement Act of 1937, as amended, is insufficient, and this amendment relieves restriction on the handling of lemons grown in the State of California or in the State of Arizona.

Order, as amended. The provisions in paragraph (b) (1) (ii) of § 953.782 (Lemon Regulation 675, 22 F. R. 1081) are hereby amended to read as follows:

(ii) District 2: 172,050 cartons.

(Sec. 5, 49 Stat. 753, as amended; 7 U. S. C. 608c)

Dated: February 28, 1957.

[SEAL] S. R. SMITH,
Director, Fruit and Vegetable
Division, Agricultural Marketing Service.

[F. R. Doc. 57-1650; Filed, Mar. 4, 1957; 8:52 a. m.]

PART 998—MILK IN CORPUS CHRISTI, TEXAS, MARKETING AREA

ORDER SUSPENDING CERTAIN PROVISION

Pursuant to the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U. S. C. 601 et seq.), hereinafter referred to as the "act", and of the order, as amended (7 CFR Part 998), regulating the handling of milk in the Corpus Christi, Texas, marketing area, hereinafter referred to as the "order", it is hereby found that:

(a) The provision of 998.41 (b) (4) which provides for allowable shrinkage of 5 percent with respect to skim milk to be classified as Class II milk only for the months of April, May and June, will not tend to effectuate the declared policy of the act during the month of March 1957.

(b) Notice of proposed rule making public procedure thereon and 30-day prior notice to the effective date hereof are found to be impracticable, unnecessary and contrary to the public interest in that (1) this issue was considered at a public hearing at Edinburg, Texas, January 8-11, 1957, and the issuance of this suspension order as a separate action is necessary in order to reflect current marketing conditions and facilitate, promote and maintain the orderly marketing of milk produced for the said marketing area, pending further consideration and action on other issues of said hearing; (2) this suspension order should be made effective for March 1957, to relieve handlers of hardship with respect to handling the heavy increase in seasonal production of milk in view of the shortage of available manufacturing facilities; (3) unless such action is taken, some producers, whose milk is needed for the Corpus Christi market most of the year, are faced with the possible loss of a market

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CFR SUPPLEMENTS

(As of January 1, 1957)

The following Supplements are now available:

Title 9 (\$0.70)
Title 20 (\$1.00)
Title 39 (\$0.50)

Previously announced: Title 3, 1956 Supp. (\$0.40); Title 7, Parts 900-959 (\$0.50); Title 17 (\$0.60); Title 18 (\$0.50); Title 21 (\$0.50); Title 26, Parts 1-79 (\$0.35), Parts 80-169 (\$0.50), Parts 170-182 (\$0.35), Parts 183-299 (\$0.30).

Order from Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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for their milk during the flush production season; (4) the request for this suspension order has been made on behalf of handlers and a substantial majority of the producers whose milk is regulated by the order; (5) this suspension order does not require of persons affected substantial or extensive preparation prior to its effective date; and (6) the time intervening between the date of this suspension order and its effective date affords persons affected a reasonable time to prepare for its effective date.

It is therefore ordered, That the following provision be and hereby is suspended for the month of March 1957:

In § 998.41 (b) (4) "during the months of April, May and June" and "skim milk and".

(Sec. 4, 49 Stat. 753, as amended; 7 U. S. C. 608c)

Done at Washington, D. C., this 28th day of February 1957.

[SEAL]

EARL L. BUTZ,
Assistant Secretary.

[F. R. Doc. 57-1645; Filed, Mar. 4, 1957; 8:51 a. m.]

TITLE 10—ATOMIC ENERGY

Chapter I—Atomic Energy Commission

PART 60—DOMESTIC URANIUM PROGRAM
URANIUM PROSPECTING PERMITS AND MINING
LEASES ON LANDS ADMINISTERED BY
FEDERAL AGENCIES WHICH DO NOT HAVE
AUTHORITY TO LEASE SUCH LANDS

Notice is hereby given that the following regulations have been adopted by the Atomic Energy Commission, effective upon publication in the FEDERAL REGISTER.

§ 60.9 *Uranium prospecting permits and mining leases on lands administered by Federal agencies which do not have the authority to lease such lands*—(a) *What this section does.* This section provides for the issuance by the United States Atomic Energy Commission of uranium prospecting permits and mining leases covering certain lands of the United States which are not open to the location of mining claims under the United States mining laws and which are not subject to lease for prospecting or mining purposes by the Federal agencies administering such lands or by the Department of the Interior. The program for which provision is made in this section will be administered by the Atomic Energy Commission with the assistance and cooperation of the Bureau of Land Management of the Department of the Interior.

NOTE: Permits or leases will not be issued under this section for lands administered by the United States for national park, monument or wildlife purposes. (See section 67, Public Law 703, 83d Congress.)

(b) *Statutory authority.* The Atomic Energy Act of 1954 (68 Stat. 919) is authority for this section.

(c) *Eligibility of applicants.* Uranium prospecting permits and mining leases under this section will be issued only to (1) citizens of the United States, (2) associations of such citizens, (3) corporations organized under the laws of the United States or of any State or Territory thereof. Uranium prospecting permits and mining leases under this section will not be issued to persons under twenty-one (21) years of age nor to employees of the Commission or the Department of the Interior.

(d) *Applications.* There is no required form of application for a permit or lease under this section but the application should:

(1) Name the Government agency administering the land and, where practicable, the particular unit thereof concerned.

(2) Contain an accurate description of the land.

In the States under the public land rectangular system, if surveyed, the description should be by legal subdivision, section, township, and range; if unsurveyed, by a similar description based upon the premise of its location when surveyed and by courses and distances connected to a corner of the public land rectangular system. In those States not covered by the public land rectangular system, the description should be the description in the deed of conveyance of the tract to the United States, or, if a portion of such tract, by courses and distances connected with an identifiable and established corner of an existing survey recognized by the laws of the State. Upon request, applicant must submit satisfactory evidence that the Government has title to the minerals in said land and the right to their removal.

(3) Include an accurate map or plan of the lands prepared from the survey thereof or other reliable map source, unless the lands are surveyed under the public land system of surveys.

(4) Contain a statement of applicant's name, address and citizenship (if a corporation, the State of incorporation and a statement of the applicant's authority to hold a prospecting permit or mining lease under its corporate powers) and a statement of applicant's interests, direct or indirect, in prospecting permits and mining leases and application for such permits and leases under these regulations for uranium in Federal lands in the same State. No permit or lease will be issued where such interests exceed 1920 acres.

(5) The application shall be filed in triplicate in the land office of the Bureau of Land Management for the State where the land is situated. In States in which there are no land officers applications shall be forwarded to the Director, Bureau of Land Management, Washington 25, D. C., except that applications covering lands in the following States should be forwarded to the land offices named: North and South Dakota, land office at Billings, Montana; Nebraska and Kansas, at Cheyenne, Wyoming; Oklahoma and Texas, at Santa Fe, New Mexico. Applications must be accompanied by a filing fee of \$10 which is not returnable.

(e) *Issuance and supervision of permits and leases.* Permits and leases will be executed by the Commission. Although priority in filing an application will normally be the controlling factor where more than one application has been filed for a permit or lease, consideration may be given to equities and right is reserved to offer the lands competitively in appropriate cases. The right is also reserved to refuse to issue a permit or lease or extension thereof. It is the objective under this section to issue permits and leases containing uniform terms and conditions. However, since the lands affected by this section are administered by other Government agencies having responsibilities in connection with the administration of the land, it probably will be necessary to include in particular permits and leases additional terms and conditions designed to permit the agencies involved to fulfill appropriately their functions and obligations or to refrain from issuing permits or leases or extensions thereof where it is concluded that issuance is contrary to the interests of the United States. The term of each permit or lease and extensions thereof will also be subject to such considerations.

(f) *Prospecting permits terms and conditions.* (1) Prospecting permits will be issued for a period not exceeding two years (see paragraph (e) of this section) and will grant the permittee the right to prospect on the lands described therein to determine the existence of, or workability of, uranium deposits. Only such material may be removed from the land as is necessary to demonstrate the existence of uranium in commercial quantities. The permittee may sell such quantities of uranium-bearing material as may be approved by the Commission.

(2) A prospecting permit may not include more than 1920 acres of land which must be reasonably compact.

(3) Payment of an annual rental of 25 cents per acre of land or fraction

thereof covered by the permit will be required. Such rental will be payable annually in advance; payment of the first full year's rental will be required with the filing of the application and the balance of the rental will be payable on or before the first anniversary of the effective date of the permit. Failure to pay such rental when due will result in automatic termination of the permit. The permittee may also be required to furnish a performance bond.

(4) Permits issued under this section may be assigned to those eligible under paragraph (c) of this section, subject to approval of the Commission as to all or any of the lands subject to permit. To procure such approval all instruments of transfer of the permit must be filed at the proper land office of the Bureau of Land Management within 90 days after execution and must contain all of the terms and conditions agreed upon by the parties thereto. The application for approval of assignment must be accompanied by (i) a statement of the proposed assignee setting forth his qualifications to hold a permit and his agreement to be bound by the terms and conditions of the permit, (ii) a filing fee of \$10 which is not returnable.

(g) *Extension of permit.* (1) Subject to the provisions of paragraph (e) of this section, a prospecting permit may be extended for one additional term not exceeding two years upon written application made by the permittee and filed in triplicate in the proper land office of the Bureau of Land Management at least 90 days prior to the expiration date of the permit. Such application must be accompanied by a filing fee of \$10 which is not returnable, and the third year's rental. In support of application for extension of a prospecting permit, the permittee must show that he has diligently performed prospecting activities on the land during the period for which the permit was issued or that any failure to do so arose from conditions beyond the permittee's control.

(2) Upon failure of the permittee to file an application for extension within the specified period, the permit will expire at the end of its primary term without notice to the permittee and the land will thereupon become subject to new application for prospecting permits.

(h) *Preference right lease; terms and conditions.* (1) Upon discovery of a valuable deposit of uranium by a permittee, subject to paragraph (e) of this section, he shall be entitled to a preference right lease covering any or all of the lands in the permit. (Issuance of a prospecting permit must precede an application for a preference right lease.) An application for a preference right lease must be filed in accordance with paragraph (d) (5) of this section not later than 30 days after the expiration date of the permit and must describe the lands, disclose any change in the information contained in the application for the permit, specify fully the extent and mode of occurrence of the mineral deposit as disclosed by prospecting and show that a valuable deposit of uranium was discovered before the expiration of the permit.

(2) Leases will be issued subject to royalty and rental payments as set forth in subdivisions (i) and (ii) of this subparagraph and to such other terms and conditions for protection of the surface of the land as may be required.

(i) Royalty shall be at the rate of 10 percent of gross receipts, including initial production bonus paid pursuant to § 60.6 (Domestic Uranium Program Circular 6), but exclusive of any haulage and development allowances paid pursuant to §§ 60.5 and 60.5a (Domestic Uranium Program Circular 5, Revised), or equivalent haulage and development allowances from the sale of uranium-bearing ore produced from the leased premises.

(ii) Rental shall be at the rate of \$1.50 per acre per year payable annually in advance. Such advance rentals shall be credited on the royalty due from the sale of uranium-bearing ore during that lease year.

(3) A lease issued under this section will be for a term not exceeding 5 years (see paragraph (e) of this section) and will be renewable in the discretion of the Commission as to any and all tracts for not more than 3 additional periods of not exceeding 3 years each upon written application therefor by the lessee at least 90 days prior to the expiration of the lease or any extension thereof. The application for renewal must be accompanied by a filing fee of \$10.00 which is not returnable. Renewals may include such revisions of or additions to the lease terms as may be required.

(4) Leases issued under this section will become effective when signed on behalf of the Commission.

(5) A lease or any of the tracts under a lease may be relinquished by the lessee by written notification sent to the proper land office of the Bureau of Land Management subject to continued liability to the United States for any payments then due and subject to compliance with the terms of the lease. Relinquishment shall take effect on the date such notification is received by the Bureau of Land Management, as evidenced by the written acknowledgment of the Bureau of Land Management.

(6) Should the lessee fail to comply with any of the terms and conditions of the lease within 30 days after receipt of written notice specifying such failure and requesting compliance, the Commission shall have the right to terminate the lease.

(7) Leases issued under this section may be assigned to those eligible under paragraph (c) of this section, subject to approval of the Commission as to all or any of the leased tracts. To process such approval, all instruments of transfer of the lease must be filed at the proper land office of the Bureau of Land Management within 90 days after execution and must contain all of the terms and conditions agreed upon by the parties thereto. The application for approval of assignment must be accompanied by (i) a statement of the proposed assignee setting forth his qualifications to hold a lease and his agreement to be bound by the terms and condition of the lease, (ii) a filing fee of \$10.00 which is not returnable.

(i) *Initial production bonus.* Leases issued under this section shall provide that lessees otherwise meeting the requirements of § 60.6 (Domestic Uranium Program Circular 6) shall be eligible for initial production bonus payments under that section notwithstanding the reference to properties leased by the Commission in paragraph (g) (3) (vi) thereof.

(j) *Reservation of rights.* The right is reserved to the Commission to revise, modify or terminate these regulations at any time without prejudice to rights of permit holders or lease holders established under existing permits or leases.

(k) *Definition used in this section.* "Commission" means the Atomic Energy Commission created by the Atomic Energy Act of 1954, as amended, or its duly authorized representative.

(l) *Decisions.* The Atomic Energy Commission has duly authorized the Bureau of Land Management to assist it in the administration of this program and, ordinarily, the decisions of the Director of the Bureau of Land Management will be final, but the Atomic Energy Commission may choose to give further consideration to any matter.

(60 Stat. 755-775; 42 U. S. C. 1801-1819)

Dated at Washington, D. C., this 4th day of February 1957.

K. E. FIELDS,
General Manager.

I concur.

Dated at Washington, D. C., this 15th day of February 1957.

FRED A. SEATON,
Secretary of the Interior.

[F. R. Doc. 57-1649; Filed, Mar. 4, 1957; 9:00 a. m.]

TITLE 14—CIVIL AVIATION

Chapter II—Civil Aeronautics Administration, Department of Commerce

PART 601—DESIGNATION OF CONTROL AREAS, CONTROL ZONES, AND REPORTING POINTS

TEMPORARY CONTROL AREA ALTERATION; KING COLE, LA.

The control area alteration appearing hereinafter is adopted to meet the requirements of the Department of Defense for a temporary restricted area. The control area alteration has been coordinated with the civil operators, the

Army, the Navy and the Air Force, through the Air Coordinating Committee, Airspace Panel, and is adopted to become effective when indicated in order to promote safety. Compliance with the notice, procedures, and effective date provisions of section 4 of the Administrative Procedure Act would be impracticable and contrary to public interest and therefore is not required.

Part 601 is amended as follows:

Section 601.1006 is amended to read:

§ 601.1006 *Control area extension (Lake Charles, La.).* That airspace within a 40-mile radius of the Lake Charles, La., radio range station excluding the portion which overlaps the Houston (Beaumont-Palacios-Houston) control area extension, and excluding the portion below 3000 feet mean sea level lying within the temporary King Cole Restricted Area.

(Sec. 205, 52 Stat. 984, as amended; 49 U. S. C. 425. Interprets or applies sec. 601, 52 Stat. 1007, as amended; 49 U. S. C. 551)

This amendment shall be effective from 0001 c. s. t. April 1, 1957, to 2400 c. s. t. April 5, 1957. At the end of that period § 601.1006 as designated prior to this temporary amendment shall again become effective.

[SEAL]

S. A. KEMP,
Acting Administrator
of Civil Aeronautics.

[F. R. Doc. 57-1615; Filed, Mar. 4, 1957; 8:45 a. m.]

[Amdt. 187]

PART 608—RESTRICTED AREAS

TEMPORARY RESTRICTED AREA ALTERATION; KING COLE, LA.

The restricted area alteration appearing hereinafter has been coordinated with the civil operators involved, the Army, the Navy, and the Air Force, through the Air Coordinating Committee, Airspace Panel and is adopted to become effective when indicated in order to promote safety of the flying public. Since a military function of the United States is involved, compliance with the notice, procedure and effective date provisions of section 4 of the Administrative Procedure Act is not required.

Part 608 is amended as follows:

In § 608.26, the King Cole, Temporary Restricted Area, Louisiana, is added to read:

Name and location (chart)	Description by geographical coordinates	Designated altitudes	Time of designation	Controlling agency
King Cole, Louisiana, temporary restricted area (Beaumont).	"From latitude 30°18'00", longitude 93°36'00", the SW corner North to latitude 30°35'00", longitude 93°36'00", thence East to latitude 30°35'00", thence South to latitude 30°18'00", longitude 93°16'00", thence to point of beginning, excluding the Lake Charles AFB Control Zone".	Surface to 3,000 feet.	Continuous.....	Maneuver Director, Camp Polk, Louisiana.

(Sec. 205, 52 Stat. 984, as amended; 49 U. S. C. 425. Interprets or applies sec. 601, 52 Stat. 1007, as amended; 49 U. S. C. 551)

This amendment shall be effective from April 1, 1957 through April 5, 1957.

[SEAL]

S. A. KEMP,
Acting Administrator of Civil Aeronautics.

[F. R. Doc. 57-1616; Filed, Mar. 4, 1957; 8:45 a. m.]

TITLE 18—CONSERVATION OF POWER

Chapter I—Federal Power Commission

[Order 195; Docket No. R-160]

PART 154—RATE SCHEDULES AND TARIFFS

RATE FILINGS BY INDEPENDENT PRODUCERS;
NUMBER OF COPIES

FEBRUARY 27, 1957.

The Commission has under consideration in this proceeding the amendment of § 154.99 of Part 154, Rate Schedules and Tariffs, of its regulations under the Natural Gas Act (18 CFR 154.99) so as to require the filing of three instead of two copies of rate schedules filed by independent producers of natural gas.

These filings are frequently of interest and concern to others than the customers directly affected thereby and the additional copy will be more quickly available for public inspection.

It appears that the amendment to § 154.99, hereinafter adopted, is a matter of procedure which does not require notice or hearing under section 4 (a) of the Administrative Procedure Act.

The Commission finds: The amendment as hereinafter adopted is necessary and appropriate to carry out the provisions of the Natural Gas Act.

The Commission, acting pursuant to authority granted by sections 4 and 16 of the Natural Gas Act (52 Stat. 822, 830, 15 U. S. C. 717c, 717o) orders:

(A) The first sentence of § 154.99 of the regulations under the Natural Gas Act is amended to read as follows:

§ 154.99 *Number of copies; material to be submitted with changes in rate schedules.* Three copies of any rate schedule or part thereof, and material required by § 154.95 to be filed therewith, and Notices of Cancellation or Termination submitted for filing, must be supplied to the Commission. * * *

(B) The amendment herein prescribed shall become effective on April 1, 1957.

(C) The Secretary shall cause prompt publication of this order to be made in the FEDERAL REGISTER.

(Sec. 16, 52 Stat. 830; 15 U. S. C. 717o)

By the Commission.

[SEAL] JOSEPH H. GUTRIDE,
Secretary.

[F. R. Doc. 57-1620; Filed, Mar. 4, 1957;
8:46 a. m.]

TITLE 16—COMMERCIAL PRACTICES

Chapter I—Federal Trade Commission

[Docket 6667]

PART 13—DIGEST OF CEASE AND DESIST ORDERS

MONTAMOWER CO. ET AL.

Subpart—*Advertising falsely or misleadingly*: § 13.20 *Comparative data or merits*; § 13.140 *Old, reclaimed, or reused as new*; § 13.155 *Prices*: Exaggerated as regular and customary; usual as reduced,

special, etc.; § 13.170 *Qualities or properties of product or service*; § 13.190 *Results*.

(Sec. 6, 38 Stat. 721; 15 U. S. C. 46. Interpret or apply sec. 5, 38 Stat. 719, as amended; 15 U. S. C. 45). [Cease and desist order, The MontaMower Company et al., Traverse City, Mich., Docket 6667, February 14, 1957]

In the Matter of The MontaMower Company, a Corporation; Hubert H. Montague, Gerald T. Montague and Velma Montague Individually and as Officers of Said Corporation; and Herbert B. Montague, Trading as MontaMower Distributing Company

This proceeding was heard by a hearing examiner on the complaint of the Commission charging a corporate manufacturer and the distributor in Traverse City, Mich., of a grass-cutting device designated "MontaMower", with representing falsely in advertisements in magazines, newspapers, etc., often accompanied by misleading pictures, the effectiveness in use and results obtainable from the device, its weed-controlling qualities, comparative merits, the price, savings available to purchasers, and that all the machines were new and made of new and unused parts and materials.

Following entry of an agreement between counsel for a consent order, the hearing examiner made his initial decision and order to cease and desist which became on February 14 the decision of the Commission.

The order to cease and desist is as follows:

It is ordered, That respondent Herbert B. Montague, trading as MontaMower Distributing Company, or operating under any other trade name, and his agents, employees or representatives, directly or through any corporate or other device, in or in connection with the offering for sale, sale or distribution in commerce (as commerce is defined in the Federal Trade Commission Act) of lawn mowers now designated as "MontaMower" or any other lawn mower or grass-cutting device of substantially similar construction or operation, whether designated by the same or any other name, do forthwith cease and desist from:

1. Representing, directly or by implication, that used or reconditioned lawn mowers, or mowers made in whole or in part of used, second-hand or reconditioned parts or materials, are new or unused, or are made of new or unused parts or materials.

2. Advertising, offering for sale or selling any lawn mowers which have been used, or which contain parts or materials which have been used, without disclosing to the purchaser or potential purchaser, by a clear and conspicuous statement in advertising and sales promotion matter and on the mower and the container in which it is shipped and delivered, that the product is used or not new, or that it contains parts or materials which have been used or which are not new,

3. Representing by words, pictures or any other means;

(a) That the device is non-clogging.

(b) That it affords positive cutting of all grass and lawn weeds, without misses or skips.

(c) That it will cut all grass and all lawn weeds, regardless of height or toughness, or that it will cut grass and weeds left uncut by other mowers.

(d) That it leaves no grass or weeds standing, or that it eliminates the necessity of hand pulling or going back over a lawn with a whipper or other cutting device.

(e) That it trims so completely as to eliminate hand-trimming.

(f) That its use results in the elimination of weeds or the control of weeds, or keeps weeds from going to seed.

(g) That it smoothly, cleanly, evenly or easily cuts a 16-inch swath, or any other width swath, through grass, dandelions or tall weeds, or that it does this as evenly as a pair of keen-edged shears.

(h) That the regular price of the MontaMower is \$30, or that the regular price of this or any other product is any amount greater than the amount at which such products are usually and customarily sold in the regular course of business.

(i) That regular prices are special or reduced prices.

(j) That savings to be realized through purchases under so-called special offers are greater than is actually the fact, whether through the use of a fictitious "regular" price or otherwise.

4. Misrepresenting in any other manner the performance of the device, the results obtainable from its use, or its price.

By "Decision of the Commission", report of compliance was required as follows:

It is ordered, That respondent, Herbert B. Montague, trading as MontaMower Distributing Company, shall within sixty (60) days after service upon him of this order, file with the Commission a report in writing setting forth in detail the manner and form in which he has complied with the order to cease and desist.

Issued: February 14, 1957.

By the Commission.

[SEAL] ROBERT M. FARRISH,
Secretary.

[F. R. Doc. 57-1629; Filed, Mar. 4, 1957;
8:48 a. m.]

TITLE 26—INTERNAL REVENUE, 1954

Chapter I—Internal Revenue Service, Department of the Treasury

Subchapter E—Alcohol, Tobacco, and Other
Excise Taxes

PART 182—INDUSTRIAL ALCOHOL

PART 212—FORMULAS FOR DENATURED
ALCOHOL

On August 11, 1956, a notice of proposed rule making, to revise and reissue regulations relating to formulas for denatured alcohol as Part 212, Title 26, Code of Federal Regulations, superseding the appendix to Part 182, Title 26, Code of Federal Regulations, to effect administrative decisions, and to provide for publication of formulas for denatured alcohol as a separate part of the Code of

Federal Regulations, was published in the FEDERAL REGISTER (21 F. R. 6026). After consideration of all relevant matters as were presented by interested persons regarding the rules proposed, the regulations as so published are hereby adopted subject to the changes set forth below:

PARAGRAPH 1. Section 212.5 is amended by adding a new paragraph *special industrial solvents* immediately after the close of the last paragraph.

PAR. 2. Section 212.16 is amended by adding new paragraphs (d) and (e) immediately after the close of paragraph (c).

PAR. 3. Section 212.40 is amended by striking the word "pure" from the first sentence.

PAR. 4. Section 212.45 is amended by striking from the first sentence the phrase "Five gallons of ethyl acetate" and inserting in lieu thereof the following "4.26 gallons of ethyl acetate having an ester content of 100 percent by weight or the equivalent thereof not to exceed 5 gallons of ethyl acetate having an ester content of not less than 85 percent by weight."

PAR. 5. Section 212.48 is amended by striking the parenthetical word (pure) after "Citronella oil, natural" and "Spike lavender oil, natural," striking ", pure" after "Safrol" in the list of oils and substances, and adding thereto "Spear-mint oil, terpenesless" immediately following "Spear-mint oil, N. F."

PAR. 6. Section 212.53 is amended by striking ", pure" after "Cinchonidine."

PAR. 7. Section 212.59 (a) (3) is amended by striking ", pure" immediately following "Phenyl mercuric benzoate."

PAR. 8. The following sections are renumbered as indicated below:

§ 212.75 is renumbered § 212.77.
 § 212.76 is renumbered § 212.78.
 § 212.77 is renumbered § 212.79.
 § 212.78 is renumbered § 212.80.
 § 212.79 is renumbered § 212.81.
 § 212.80 is renumbered § 212.82.
 § 212.81 is renumbered § 212.83.
 § 212.82 is renumbered § 212.84.
 § 212.83 is renumbered § 212.86.
 § 212.84 is renumbered § 212.87.
 § 212.85 is renumbered § 212.88.
 § 212.86 is renumbered § 212.90.
 § 212.87 is renumbered § 212.91.
 § 212.88 is renumbered § 212.94.
 § 212.89 is renumbered § 212.95.
 § 212.90 is renumbered § 212.96.
 § 212.95 is renumbered § 212.105.
 § 212.100 is renumbered § 212.110.
 § 212.105 is renumbered § 212.115.

PAR. 9. Section 212.69 and renumbered §§ 212.80, 212.81, and 212.88 are amended by striking the parenthetical phrase "(A. S. T. M. D-86-53)" and inserting in lieu thereof the parenthetical phrase "(applicable A. S. T. M. method)".

PAR. 10. Section 212.73 and renumbered §§ 212.78 and 212.83 are amended by striking the parenthetical phrase "(A. S. T. M. D-1078-49-T)" and inserting in lieu thereof the parenthetical phrase "(applicable A. S. T. M. method)".

PAR. 11. Renumbered §§ 212.77 and 212.87 are amended by striking the parenthetical phrase "(A. S. T. M. D-1078-

49)" and inserting in lieu thereof the parenthetical phrase "(applicable A. S. T. M. method)".

PAR. 12. Renumbered § 212.80 is amended by adding "Odor. Characteristic odor," immediately below the last sentence.

PAR. 13. Renumbered § 212.82 is amended to read as set forth below.

PAR. 14. New §§ 212.75, 212.76, 212.85, 212.89, 212.92, and 212.93 are added as set forth below.

PAR. 15. Renumbered § 212.105 is amended as follows:

a. Amend the heading for the list of product or process and formulas authorized to read "Uses of Specially Denatured Alcohol";

b. In the list of "Product or Process" change the numeral 1 after "Laboratory uses" to the numeral 2 and change the numeral 2 after "Unclassified uses" to the numeral 3;

c. Renumber footnote numbers 1 and 2 to read 2 and 3 respectively; and

d. Insert above renumbered footnote 2:

¹ Other products or processes may be authorized by the Director under § 212.15 (b).

PAR. 16. Renumbered § 212.110 is amended by striking the parenthetical word (pure) after "Citronella oil, natural," "Cinchonidine," "Phenyl mercuric benzoate," "Safrol" and "Spike Lavender oil, natural" in the list of denaturants, and adding thereto "Spear-mint oil, terpenesless—S. D. 38-B" immediately following "Spear-mint oil, N. F."

PAR. 17. Subpart H in its entirety is amended to read as set forth below.

[SEAL] RUSSELL C. HARRINGTON,
 Commissioner of Internal Revenue.

Approved: February 28, 1957.

DAN THROOP SMITH,
 Deputy to the Secretary.

PART 212—FORMULAS FOR DENATURED ALCOHOL

Preamble. 1. The regulations in this part shall supersede the appendix to 26 CFR Part 182, designated in F. R. Doc. 54-10417 as Appendix A "Completely Denatured Alcohol Formulae", and Appendix B "Specially Denatured Alcohol Formulae"; 19 F. R. 9438, as corrected in 20 F. R. 275.

2. These regulations shall not affect any act done or any liability or right accruing or accrued, or any suit or proceeding had or commenced, before the effective date of these regulations.

3. The regulations in this part shall be effective on the first day of the first month which begins not less than 30 days after the date of publication in the FEDERAL REGISTER.

Subpart A—Scope of Regulations

Sec.
 212.1 Formulas for denatured alcohol.
 212.2 Forms prescribed.
 212.3 Stocks of discontinued formulas.

Subpart B—Definitions

212.5 Meaning of terms.

Subpart C—Completely Denatured Alcohol Formulas

Sec.
 212.10 General.
 212.11 Formula No. 18.
 212.12 Formula No. 19.

Subpart D—Specially Denatured Alcohol Formulas and Authorized Uses

212.15 General.
 212.16 Formula No. 1.
 212.17 Formula No. 2-B.
 212.18 Formula No. 2-C.
 212.19 Formula No. 3-A.
 212.20 Formula No. 3-B.
 212.21 Formula No. 4.
 212.22 Formula No. 6-B.
 212.23 Formula No. 12-A.
 212.24 Formula No. 13-A.
 212.25 Formula No. 17.
 212.26 Formula No. 18.
 212.27 Formula No. 19.
 212.28 Formula No. 20.
 212.29 Formula No. 22.
 212.30 Formula No. 23-A.
 212.31 Formula No. 23-F.
 212.32 Formula No. 23-H.
 212.33 Formula No. 25.
 212.34 Formula No. 25-A.
 212.35 Formula No. 27.
 212.36 Formula No. 27-A.
 212.37 Formula No. 27-B.
 212.38 Formula No. 28-A.
 212.39 Formula No. 29.
 212.40 Formula No. 30.
 212.41 Formula No. 31-A.
 212.42 Formula No. 32.
 212.43 Formula No. 33.
 212.44 Formula No. 35.
 212.45 Formula No. 35-A.
 212.46 Formula No. 36.
 212.47 Formula No. 37.
 212.48 Formula No. 38-B.
 212.49 Formula No. 38-C.
 212.50 Formula No. 38-D.
 212.51 Formula No. 38-F.
 212.52 Formula No. 39.
 212.53 Formula No. 39-A.
 212.54 Formula No. 39-B.
 212.55 Formula No. 39-C.
 212.56 Formula No. 39-D.
 212.57 Formula No. 40.
 212.58 Formula No. 40-A.
 212.59 Formula No. 42.
 212.60 Formula No. 44.
 212.61 Formula No. 45.
 212.62 Formula No. 46.

Subpart E—Specifications for Denaturants

212.65 General.
 212.66 U. S. P. or N. F.
 212.67 Acetaldehyde.
 212.68 Acetal-dol.
 212.69 Benzene.
 212.70 Bone oil (Dipple's oil).
 212.71 Brucine alkaloid.
 212.72 *n*-Butyl alcohol.
 212.73 *tert*-Butyl alcohol.
 212.74 Chloroform.
 212.75 Cinchonidine.
 212.76 Citronella oil, natural.
 212.77 Diethyl phthalate.
 212.78 Ethyl acetate.
 212.79 Ethyl ether.
 212.80 Gasoline.
 212.81 Kerosene.
 212.82 Methyl alcohol.
 212.83 Methyl isobutyl ketone.
 212.84 Nicotine solution.
 212.85 Phenyl mercuric benzoate.
 212.86 Pyridine bases.
 212.87 Pyronate.
 212.88 Rubber-hydrocarbon solvent.
 212.89 Safrol.
 212.90 Shellac.
 212.91 Sodium (metallic).
 212.92 Spearmint oil, terpenesless.

- Sec.
 212.93 Spike lavender oil, natural.
 212.94 Sucrose octa acetate.
 212.95 Vinegar.
 212.96 Wood alcohol.

Subpart F—Uses of Specially Denatured Alcohol

- 212.105 Listing of products and processes using specially denatured alcohol and formulas authorized therefor.

Subpart G—Denaturants Authorized for Denatured Alcohol

- 212.110 Listing of denaturants authorized in denatured alcohol.

Subpart H—Weights and Specific Gravity of Specially Denatured Alcohol

- 212.115 Weights and specific gravity of specially denatured alcohol.

AUTHORITY: §§ 212.1 to 212.215 issued under sec. 7805, 68A Stat. 917; 26 U. S. C. 7805.

SUBPART A—SCOPE OF REGULATIONS

§ 212.1 *Formulas for denatured alcohol.* The regulations in this part, "Formulas for Denatured Alcohol" relate to formulas used for the denaturation of alcohol. The regulations give formulas for the production of specially and completely denatured alcohol, the specifications for denaturants, a listing of processes and products in which specially denatured alcohol is used and specific formulas authorized for each use, a listing of denaturants and the formulas in which used, and a table of weights of the formulas of specially denatured alcohol. The procedural and substantive requirements relative to the issuance of permits and to the production, disposition, and use of denatured alcohol are prescribed in Part 182 of this chapter.

§ 212.2 *Forms prescribed.* The Director, Alcohol and Tobacco Tax Division, is authorized to prescribe all forms required by this part, including bonds, applications, notices, reports, returns, and records. Information called for shall be furnished in accordance with the instructions on the forms or issued in respect thereto.

§ 212.3 *Stocks of discontinued formulas.* Denaturers or specially denatured alcohol dealers or users having on hand stocks of formulas of specially denatured alcohol no longer authorized by this part may (a) continue to supply or use such stocks in accordance with permits until the stocks are exhausted; (b) otherwise dispose of such stocks in a manner satisfactory to the Director, Alcohol and Tobacco Tax Division pursuant to an approved application; or (c) on approval by the assistant regional commissioner of an application to do so, destroy such stocks under such supervision as the assistant regional commissioner may prescribe.

SUBPART B—DEFINITIONS

§ 212.5 *Meaning of terms.* As used in this part, unless the context otherwise requires, terms shall have the meanings ascribed in this section.

Alcohol. "Alcohol" means that substance known as ethyl alcohol, ethanol,

hydrated oxide of ethyl, or spirits of wine, from whatever source or process produced, having a proof of 160 degrees or more, but does not include the substances commonly known as whisky, brandy, rum, gin, or other spirits, produced at registered distilleries or fruit distilleries under Parts 220 and 221 of this chapter.

Assistant regional commissioner. "Assistant regional commissioner" means the assistant regional commissioner (alcohol and tobacco tax), who is responsible to, and functions under the direction and supervision of, the regional commissioner.

Commissioner. "Commissioner" means the Commissioner of Internal Revenue.

Completely denatured alcohol. "Completely denatured alcohol" means denatured alcohol in which the denaturants are of such a nature that such denatured alcohol may be sold and used within certain limitations without permit and bond.

Denaturant. "Denaturant" means a material which, when added to alcohol in accordance with formulas in this part, destroys its character as a beverage and renders it unfit for liquid medicinal purposes.

Denatured alcohol. "Denatured alcohol" means alcohol to which has been added denaturing material which destroys its character as a beverage and renders it unfit for liquid medicinal purposes.

Director. "Director, Alcohol and Tobacco Tax Division" means the Director, Alcohol and Tobacco Tax Division, Internal Revenue Service, Treasury Department, Washington, D. C.

Essential oil. "Essential oil" means one of the volatile odoriferous oils found in plants and imparting to the plants odor, and often other characteristic properties, and includes imitation essential oils, aromatic substances, and synthetic oils which possess the denaturing characteristics of essential oils.

Gallon. "Gallon" or "wine gallon" means a United States gallon of liquid measure equivalent to the volume of 231 cubic inches.

Includes and including. The terms "includes" and "including" when used in this part shall not be deemed to exclude other things otherwise within the meaning.

I. R. C. "I. R. C." means the Internal Revenue Code of 1954.

Manufacturer or user. "Manufacturer" or "user" means a person who holds a permit to use specially denatured alcohol in any process or in the manufacturing of any substance, preparation, or product, including the product obtained by further manufacture or by combination with other materials; who recovers completely or specially denatured alcohol; or who recovers articles containing denatured alcohol.

Proof. "Proof" means the ethyl alcohol content of a liquid at 60° Fahrenheit, stated as twice the percent of ethyl alcohol by volume.

Proprietary solvent. "Proprietary solvent" means a solvent containing more

than 25 percent of alcohol by volume which is manufactured with specially denatured alcohol in accordance with a formula approved by the Director and is generally adapted for specific uses.

Regional commissioner. "Regional commissioner" means the regional commissioner of internal revenue in each of the internal revenue regions.

Rubbing alcohol compound. "Rubbing alcohol compound" means any product manufactured with specially denatured alcohol which is represented to be a "rubbing alcohol compound".

Secretary. "Secretary" means the Secretary of the Treasury.

Specially denatured alcohol. "Specially denatured alcohol" means denatured alcohol in which the denaturant or denaturants are of such a nature that such denatured alcohol may be used in a greater number of specified arts and industries than completely denatured alcohol, but, except as otherwise provided in Part 182 of this chapter, may be sold, possessed, and used only pursuant to permit and bond.

Special industrial solvents. "Special industrial solvents" means a proprietary solvent which is manufactured in accordance with authorized special industrial solvent formulations and because of its composition is restricted to industrial and manufacturing uses.

SUBPART C—COMPLETELY DENATURED ALCOHOL FORMULAS

§ 212.10 *General.* Completely denatured alcohol will be denatured in accordance with formulas prescribed in this subpart.

§ 212.11 *Formula No. 18.* To every 100 gallons of ethyl alcohol of not less than 160° proof add:

- 2.50 gallons of methyl isobutyl ketone;
- 0.125 gallon of pyronate or a compound similar thereto;
- 0.50 gallon of acetaldol (b-hydroxybutyraldehyde); and
- 1.00 gallon kerosene.

§ 212.12 *Formula No. 19.* To every 100 gallons of ethyl alcohol of not less than 160° proof add:

- 4.0 gallons of methyl isobutyl ketone; and
- 1.0 gallon of kerosene.

SUBPART D—SPECIALLY DENATURED ALCOHOL FORMULAS AND AUTHORIZED USES

§ 212.15 *General—(a) Formulas.* Specially denatured alcohol will be denatured in accordance with formulas prescribed in this subpart. Alcohol of 190, 192, or 200 degrees of proof shall be used in the manufacture of all formulas of specially denatured alcohol, unless otherwise authorized by the Director.

(b) *Uses.* Users and manufacturers holding approved Forms 1479-A covering manufacture of products or use in processes no longer authorized for a particular formula may continue such use. The Director may authorize, in his discretion, the use of any formula of specially denatured alcohol for uses not specifically authorized in this part. The code number before each item under "authorized uses" shall be used in reporting the use of specially denatured alcohol.

§ 212.16 *Formula No. 1—(a) Formula.* To every 100 gallons of alcohol add:

Five gallons wood alcohol.

(b) *Authorized uses.* (1) As a solvent:

- 011. Cellulose coatings.
- 012. Synthetic resin coatings.
- 013. Shellac coatings.
- 014. Other natural resin coatings.
- 016. Other coatings.
- 021. Cellulose plastics.
- 022. Non-cellulose plastics.
- 031. Photographic film and emulsions.
- 032. Transparent sheeting.
- 033. Explosives.
- 034. Cellulose intermediates and industrial collodions.
- 035. Soldering flux.
- 036. Adhesives and binders.
- 041. Proprietary solvents (standard formulations).
- 042. Other solvents and thinners.
- 043. Special solvents (restricted sale).
- 051. Polishes.
- 052. Inks (including meat branding inks).
- 053. Stains (wood, etc.).
- 141. Shampoos.
- 142. Soap and bath preparations.
- 311. Cellulose compounds (dehydration).
- 312. Sodium hydrosulphite (dehydration).
- 315. Other dehydration products.
- 320. Petroleum products.
- 331. Processing pectin.
- 332. Processing other food products.
- 341. Processing crude drugs.
- 342. Processing glandular products, vitamins, hormones and yeasts.
- 343. Processing antibiotics and vaccines.
- 344. Processing medicinal chemicals including alkaloids.
- 345. Processing blood and blood products.
- 349. Miscellaneous, drug processing (including manufacture of pills).
- 351. Processing dyes and intermediates.
- 352. Processing perfume materials and fixatives.
- 353. Processing photographic chemicals.
- 358. Processing other chemicals.
- 359. Processing miscellaneous products.
- 410. Disinfectants, insecticides, fungicides and other biocides.
- 420. Embalming fluids and related products.
- 430. Sterilizing and preserving solutions.
- 440. Industrial detergents and soaps.
- 450. Cleaning solutions (including household detergents).
- 481. Photo-engraving and rotogravure dyes and solutions.
- 482. Other dye solutions.
- 485. Miscellaneous solutions (including duplicating fluids).

(2) As a raw material:

- 521. Ethyl acetate.
- 522. Ethyl chloride.
- 523. Other ethyl esters.
- 530. Ethylamines (for rubber processing).
- 540. Dyes and intermediates (ethylamines).
- 551. Acetaldehyde.
- 552. Other aldehydes.
- 561. Ethyl ether.
- 562. Other ethers.
- 571. Ethylene dibromide.
- 572. Ethylene gas.
- 573. Xanthates.
- 574. Fulminate of mercury and other detonators.
- 575. Drugs and medicinal chemicals.
- 579. Other chemicals.

(3) As a fuel:

- 611. Automobile and supplementary fuels.
- 612. Airplane and supplementary fuels.
- 613. Rocket and jet fuels.

- 620. Proprietary heating fuels.
- 630. Other fuel uses.

(4) As a fluid:

- 710. Scientific instruments.
- 720. Brake fluids.
- 730. Cutting oil.
- 740. Refrigerating uses.
- 750. Other fluid uses.
- 760. Proprietary anti-freeze.

(5) Miscellaneous uses:

- 900. Specialized uses (unclassified).

(c) *Standard Proprietary Solvents Formulations using S. D. A. No. 1—(1) Formulation No. I.*

Specially denatured alcohol formula No. 1	Gal-lons
Ethyl acetate	100
Gasoline	5
	1

(2) *Formulation No. II.*

Specially denatured alcohol formula No. 1	Gal-lons
Denaturing grade wood alcohol	100
Ethyl acetate	2
Gasoline	1
	1

(3) *Formulation No. III.*

Specially denatured alcohol formula No. 1	Gal-lons
Methyl isobutyl ketone	100
Ethyl acetate	1
Gasoline	1
	1

(4) *Formulation No. IV.*

Specially denatured alcohol formula No. 1	Gal-lons
Methyl isobutyl ketone	100
tert-butyl alcohol	1
Gasoline	2
	1

(5) *Formulation No. V.*

Specially denatured alcohol formula No. 1	Gal-lons
Methyl isobutyl ketone	100
Secondary butyl alcohol	1
Gasoline	2
	1

(d) *Special industrial solvents formulations using S. D. A. No. 1—(1) Formulation A.*

Specially denatured alcohol formula No. 1	Gal-lons
Isopropyl alcohol	100
Methyl isobutyl ketone	10
Methyl alcohol	1
	1

(2) *Formulation B.*

Specially denatured alcohol formula No. 1	Gal-lons
Isopropyl alcohol	100
Methyl isobutyl ketone	5
Methyl alcohol	1
	5

(3) *Formulation C.*

Specially denatured alcohol formula No. 1	Gal-lons
Isopropyl alcohol	100
Methyl isobutyl ketone	1
Ethyl acetate	5
	5

(e) *Conditions governing use.* Special industrial solvents can be sold only (1) to legitimate industrial users for their own use including the manufacture of products for sale, and (2) to wholesale dealers for resale to such industrial users. Sale of such solvents for distribution through retail channels is prohibited. When special industrial solvents are used in the manufacture of products

for sale there shall be added sufficient ingredients to change the character and composition of the solvent and the finished products shall not contain more than 25 percent alcohol by volume. Special industrial solvents must be shipped in containers having a capacity of 50 gallons or more. All such containers shall have affixed thereon a label showing the brand name under which produced and the name and address of the producer, except that in the case of railroad tank car or tank truck shipments the label shall be affixed to the route board of such vehicle. Dealers may not relabel or repack special industrial solvents under their own brand name. Dealers may not purchase or sell more than 550 gallons of special industrial solvents during a calendar month, except that the assistant regional commissioner may authorize quantities exceeding the above limitation on presentation of satisfactory evidence that there is a legitimate need by such dealers and their customers. Detailed and accurate records of receipts and disposition of special industrial solvents shall be maintained by dealers of such solvents. Industrial users receiving solvents in railroad tank cars or tank trucks shall maintain complete records of the receipt and use thereof. The records prescribed must be kept available for inspection by internal revenue officers at all reasonable hours.

§ 212.17 *Formula No. 2-B—(a) Formula.* To every 100 gallons of alcohol add:

One-half gallon benzene or one-half gallon rubber hydrocarbon solvent.

(b) *Authorized uses—(1) As a solvent:*

- 021. Cellulose plastics.
- 022. Non-cellulose plastics.
- 031. Photographic film and emulsions.
- 032. Transparent sheeting.
- 033. Explosives.
- 311. Cellulose compounds (dehydration).
- 312. Sodium hydrosulfite (dehydration).
- 315. Other dehydration products.
- 320. Petroleum products.
- 331. Processing pectin.
- 332. Processing other food products.
- 341. Processing crude drugs.
- 342. Processing glandular products, vitamins, hormones and yeasts.
- 343. Processing antibiotics and vaccines.
- 344. Processing medicinal chemicals, including alkaloids.
- 349. Miscellaneous drug processing (including manufacture of pills).
- 351. Processing dyes and intermediates.
- 352. Processing perfume materials and fixatives.
- 353. Processing photographic chemicals.
- 358. Processing other chemicals.
- 359. Processing miscellaneous products.

(2) As a raw material:

- 521. Ethyl acetate.
- 522. Ethyl chloride.
- 523. Other ethyl esters.
- 524. Sodium ethylate, anhydrous (for own use only).
- 530. Ethylamines (for rubber processing).
- 540. Dyes and intermediates (ethylamines).
- 551. Acetaldehyde.
- 552. Other aldehydes.
- 561. Ethyl ether.
- 562. Other ethers.

- 571. Ethylene dibromide.
- 572. Ethylene gas.
- 573. Xanthates.
- 575. Drugs and medicinal chemicals.
- 579. Other chemicals.

(c) *Conditions governing use.* This formula must be used in a closed and continuous system unless it is shown that it is not practical to do so.

§ 212.18 *Formula No. 2-C—(a) Formula.* To every 100 gallons of alcohol add:

Thirty-three pounds, or more, of metallic sodium and either one-half gallon benzene or one-half gallon rubber hydrocarbon solvent.

(b) *Authorized uses.* (1) As a solvent:

- 344. Processing medicinal chemicals (including alkaloids).
- 358. Processing other chemicals.
- 359. Processing miscellaneous products.

(2) As a raw material:

- 523. Miscellaneous ethyl esters.
- 524. Sodium ethylate, anhydrous (for own use only).
- 530. Ethylamines (for rubber processing).
- 540. Dyes and intermediates (ethylamines).
- 575. Drugs and medicinal chemicals.
- 579. Other chemicals.

(c) *Conditions governing use.* This formula must be used in a closed and continuous system unless it is shown that it is not practical to do so.

§ 212.19 *Formula No. 3-A—(a) Formula.* To every 100 gallons of alcohol add:

Five gallons methyl alcohol.

(b) *Authorized uses.* (1) As a solvent:

- 021. Cellulose plastics.
- 022. Non-cellulose plastics.
- 031. Photographic film and emulsions.
- 032. Transparent sheeting.
- 033. Explosives.
- 034. Cellulose intermediates and industrial collodions.
- 035. Soldering flux.
- 036. Adhesives and binders.
- 051. Polishes.
- 052. Inks (including meat branding inks).
- 053. Stains (wood, etc.).
- 141. Shampoos.
- 142. Soaps and bath preparations.
- 311. Cellulose compounds (dehydration).
- 312. Sodium hydrosulfite (dehydration).
- 315. Other dehydration products.
- 320. Petroleum products.
- 331. Processing pectin.
- 332. Processing other food products.
- 341. Processing crude drugs.
- 342. Processing glandular products, vitamins, hormones and yeasts.
- 343. Processing antibiotics and vaccines.
- 344. Processing medicinal chemicals (including alkaloids).
- 345. Processing blood and blood products.
- 349. Miscellaneous (including manufacture of pills).
- 351. Processing dyes and intermediates.
- 352. Processing perfume materials and fixatives.
- 353. Processing photographic chemicals.
- 358. Processing other chemicals.
- 359. Processing miscellaneous products.
- 410. Disinfectants, insecticides, fungicides and other biocides.
- 420. Embalming fluids and related products.
- 430. Sterilizing and preserving solutions.
- 440. Industrial detergents and soaps.
- 450. Cleaning solutions (including household detergents).

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- 470. Theater sprays, incense and room deodorants.
- 481. Photoengraving and rotogravure dyes and solutions.
- 482. Other dye solutions.
- 485. Miscellaneous solutions (including duplicating fluids).

(2) As a raw material:

- 530. Ethylamines (for rubber processing).
- 540. Dyes and intermediates (ethylamines).
- 575. Drugs and medicinal chemicals.
- 579. Other chemicals.

(3) As a fuel:

- 611. Automobile and supplementary fuels.
- 612. Airplane and supplementary fuels.
- 613. Rocket and jet fuels.
- 620. Proprietary heating fuels.
- 630. Other fuel uses.

(4) As a fluid:

- 710. Scientific instruments.
- 720. Brake fluids.
- 730. Cutting oils.
- 740. Refrigerating uses.
- 750. Other fluid uses.

(5) Miscellaneous uses:

- 810. Laboratory, reagent and pilot plant uses.
- 900. Specialized uses (unclassified).

§ 212.20 *Formula No. 3-B—(a) Formula.* To every 100 gallons of alcohol add:

One gallon of pine tar N. F.

(b) *Authorized uses.* (1) As a solvent:

- 111. Hair and scalp preparations.
- 141. Shampoos.
- 142. Soap and bath preparations.
- 410. Disinfectants, insecticides, fungicides and other biocides.

§ 212.21 *Formula No. 4—(a) Formula.* To every 100 gallons of alcohol add:

One gallon of the following solution: Five gallons of an aqueous solution containing 40 percent nicotine; and 3.6 av. ounces of methylene blue, N. F.; water sufficient to make 100 gallons.

(b) *Authorized uses.* (1) As a solvent:

- 460. Tobacco sprays and flavors.

§ 212.22 *Formula No. 6-B—(a) Formula.* To every 100 gallons of alcohol add:

One-half gallon pyridine bases.

(b) *Authorized uses.* (1) As a raw material:

- 523. Miscellaneous ethyl esters.
- 574. Fulminate of mercury and other detonators.
- 575. Drugs and medicinal chemicals.
- 579. Other chemicals.

§ 212.23 *Formula No. 12-A—(a) Formula.* To every 100 gallons of alcohol add:

Five gallons of benzene.

(b) *Authorized uses.* (1) As a solvent:

- 021. Cellulose plastics.
- 022. Non-cellulose plastics.
- 342. Processing glandular products, vitamins, hormones and yeasts.
- 343. Processing antibiotics and vaccines.
- 344. Processing medicinal chemicals (including alkaloids).

- 345. Processing blood and blood products.
- 351. Processing dyes and intermediates.
- 352. Processing perfume materials and fixatives.
- 358. Processing other chemicals.
- 359. Processing miscellaneous products.
- 430. Sterilizing and preserving solutions.

(2) As a raw material:

- 523. Miscellaneous ethyl esters.
- 530. Ethylamines (for rubber processing).
- 540. Dyes and intermediates (ethylamines).
- 575. Drugs and medicinal chemicals.
- 579. Other chemicals.

§ 212.24 *Formula No. 13-A—(a) Formula.* To every 100 gallons of alcohol add:

Ten gallons of ethyl ether.

(b) *Authorized uses.* (1) As a solvent:

- 015. Candy glazes.
- 021. Cellulose plastics.
- 022. Non-cellulose plastics.
- 031. Photographic film and emulsions.
- 032. Transparent sheeting.
- 034. Cellulose intermediates and industrial collodions.
- 052. Inks (including meat branding inks).
- 241. Collodion (U. S. P. or N. F.).
- 331. Processing pectin.
- 332. Processing other food products.
- 342. Processing glandular products, vitamins, hormones and yeasts.
- 343. Processing antibiotics and vaccines.
- 344. Processing medicinal chemicals (including alkaloids).
- 345. Processing blood and blood products.
- 349. Miscellaneous drug processing (including manufacture of pills).
- 352. Processing perfume materials and fixatives.
- 353. Processing photographic chemicals.
- 358. Processing other chemicals.
- 359. Processing miscellaneous products.
- 430. Sterilizing and preserving solutions.
- 481. Photoengraving and rotogravure solutions and dyes.

(2) As a raw material:

- 523. Miscellaneous ethyl esters.
- 561. Ethyl ether.
- 562. Other ethers.
- 575. Drugs and medicinal chemicals.
- 579. Other chemicals.

§ 212.25 *Formula No. 17—(a) Formula.* To every 100 gallons of alcohol add:

Five-hundredths (0.05) gallon (6.4 fluid ounces) of bone oil (Dipple's oil).

(b) *Authorized uses.* (1) As a solvent:

- 344. Processing medicinal chemicals (including alkaloids).
- 358. Processing other chemicals.
- 359. Processing miscellaneous products.

(2) As a raw material:

- 575. Drugs and medicinal chemicals.
- 579. Other chemicals.

§ 212.26 *Formula No. 18—(a) Formula.* To every 100 gallons of alcohol add:

One hundred gallons of vinegar containing not less than 9 percent of acetic acid.

(b) *Authorized uses.* (1) As a raw material:

- 511. Vinegar.

§ 212.27 *Formula No. 19—(a) Formula.* To every 100 gallons of alcohol add:

One hundred gallons of ethyl ether.

(b) *Authorized uses.* (1) As a solvent:
031. Photographic film and emulsions.
034. Cellulose intermediates and industrial collodions.
241. Colloidion (U. S. P.).

§ 212.28 *Formula No. 20—(a) Formula.* To every 100 gallons of alcohol add:

Five gallons of chloroform.

(b) *Authorized uses.* (1) As a raw material:

579. Miscellaneous chemicals (chloroform).

§ 212.29 *Formula No. 22—(a) Formula.* To every 100 gallons of alcohol add:

Ten gallons of formaldehyde solution (U. S. P.)

(b) *Authorized uses.* (1) As a solvent:

420. Embalming fluids and related products.
430. Sterilizing and preserving solutions.
470. Theater sprays, incense and room deodorants.

§ 212.30 *Formula No. 23—A—(a) Formula.* To every 100 gallons of alcohol add:

Ten gallons of acetone, N. F.

(b) *Authorized uses.* (1) As a solvent:

011. Cellulose coatings.
012. Synthetic resin coatings.
013. Shellac coatings.
014. Other natural resin coatings.
015. Candy glazes.
016. Other coatings.
032. Transparent sheeting.
034. Cellulose intermediates and industrial collodions.
035. Soldering flux.
036. Adhesives and binders.
042. Solvents and thinners (other than proprietary solvents).
052. Inks (including meat branding inks).
053. Stains (wood, etc.).
111. Hair and scalp preparations.
112. Bay rum.
113. Lotions and creams (hand, face and body).
114. Body deodorants and deodorant creams.
141. Shampoos.
142. Soaps and bath preparations.
210. External pharmaceuticals (not U. S. P. or N. F.).
249. Miscellaneous external pharmaceuticals (U. S. P. or N. F.).
331. Processing pectin.
332. Processing other food products.
341. Processing crude drugs.
342. Processing glandular products, vitamins, hormones and yeasts.
343. Processing antibiotics and vaccines.
344. Processing medicinal chemicals (including alkaloids).
345. Processing blood and blood products.
349. Miscellaneous drug processing (including manufacture of pills).
358. Processing other chemicals.
359. Processing miscellaneous products.
410. Disinfectants, insecticides, fungicides and other biocides.
420. Embalming fluids and related products.
430. Sterilizing and preserving solutions.
440. Industrial detergents and soaps.
450. Cleaning solutions (including household detergents).
482. Miscellaneous dye solutions.
485. Miscellaneous solutions.

(2) As a fluid:

740. Refrigerating uses.
750. Miscellaneous fluid uses.

§ 212.31 *Formula No. 23—F—(a) Formula.* To every 100 gallons of alcohol add:

Three pounds of salicylic acid, U. S. P., 1 pound resorcin, U. S. P.; and 1 gallon bergamot oil, N. F., or bay oil, N. F.

(b) *Authorized uses.* (1) As a solvent:

111. Hair and scalp preparations.
210. External pharmaceuticals (not U. S. P. or N. F.).

§ 212.32 *Formula No. 23—H—(a) Formula.* To every 100 gallons of alcohol add:

Eight gallons of acetone, N. F. and 1.5 gallons of methyl isobutyl ketone.

(b) *Authorized uses.* (1) As a solvent:

111. Hair and scalp preparations.
210. External pharmaceuticals (not U. S. P. or N. F.).
220. Rubbing alcohol compounds.
410. Disinfectants, insecticides, fungicides and other biocides.
450. Cleaning solutions (including household detergents).

(c) *Standard Formula for rubbing alcohol compound.*

S. D. A. No. 23—H.....	103.3 fl. oz.
Sucrose octa-acetate.....	0.5 av. oz.
Water q. s.....	1 gal.

All rubbing alcohol compounds or preparations coming under the general classification of rubbing alcohols must be manufactured with specially denatured alcohol Formula No. 23—H according to the above formula except that manufacturers may also add to the formula other odoriferous or medicinal ingredients provided they are shown in the formula submitted for approval and that the finished product contains 70 percent absolute alcohol by volume.

§ 212.33 *Formula No. 25—(a) Formula.* To every 100 gallons of alcohol add:

Twenty pounds of iodine, U. S. P. and 15 pounds of either potassium or sodium iodide U. S. P.

(b) *Authorized uses.* (1) As a solvent:

230. Tinctures of iodine.
249. Miscellaneous external pharmaceuticals (U. S. P. or N. F.).

(c) *Formula for Strong Iodine Tincture N. F. (using S. D. A. Formula No. 25).*

Iodine U. S. P.....	6.50 av. oz.
Potassium iodide U. S. P.....	4.50 av. oz.
Distilled water.....	64.0 fl. oz.
S. D. A. Formula No. 25 q. s.....	128.00 fl. oz.

(d) *Formula for Iodine Tincture U. S. P. (using S. D. A. Formula No. 25).*

Iodine U. S. P.....	1.0 av. oz. 11.0 gr.
Sodium iodide U. S. P.....	1.0 av. oz. 431.0 gr.
Distilled water.....	65.0 fl. oz. 134.0 min.
S. D. A. Formula No. 25 q. s.....	128.0 fl. oz.

(e) *N. F. and U. S. P. preparations.* In preparation of N. F. and U. S. P. formulas, pursuant to paragraphs (c) and (d) of this section the quantities of iodine and potassium or sodium iodide referred to as separate items in the formula are exclusive of the denaturants in the specially denatured alcohol, and are the quantities that must be added in order that the finished products may comply

with the official U. S. P. or N. F. preparations.

§ 212.34 *Formula No. 25—A—(a) Formula.* To every 100 gallons of alcohol add:

A solution composed of 20 pounds of iodine U. S. P., 15 pounds of potassium or sodium iodide U. S. P. and 15 pounds of water.

(b) *Authorized uses.* (1) As a solvent:

230. Tinctures of iodine.
249. Miscellaneous external pharmaceuticals (U. S. P. or N. F.).

(c) *Formula for Strong Iodine Tincture, N. F. (using S. D. A. Formula No. 25—A).*

Iodine U. S. P.....	6.50 av. oz.
Potassium iodide U. S. P.....	4.50 av. oz.
Distilled water.....	44.0 fl. oz.
S. D. A. Formula No. 25—A q. s.....	128.0 fl. oz.

(d) *Formula for Iodine Tincture, U. S. P. (using S. D. A. Formula No. 25—A).*

Iodine U. S. P.....	1.0 av. oz. 11.0 gr.
Sodium iodide U. S. P.....	1.0 av. oz. 431 gr.
Distilled water.....	64.0 fl. oz.
S. D. A. Formula No. 25—A q. s.....	128.0 fl. oz.

(e) *N. F. and U. S. P. preparations.* In preparation of N. F. and U. S. P. formulas, pursuant to paragraphs (c) and (d) of this section the quantities of iodine and potassium or sodium iodide referred to as separate items in the formula are exclusive of the denaturants in the specially denatured alcohol, and are the quantities that must be added in order that the finished products may comply with the official U. S. P. or N. F. preparations.

§ 212.35 *Formula No. 27—(a) Formula.* To every 100 gallons of alcohol add:

One gallon of rosemary oil, N. F. and 30 pounds of camphor, U. S. P.

(b) *Authorized uses.* (1) As a solvent:

243. Liniments, U. S. P. or N. F.

(c) *Formula for Camphor and Soap Liniment N. F. (using S. D. A. Formula No. 27).*

Hard soap, N. F. dried and granulated or powdered.....	8.0 av. oz. 5 gr.
Camphor U. S. P. (small pieces).....	2.0 av. oz. 280 gr.
Rosemary oil N. F.....	185 min.
S. D. A. Formula No. 27.....	93.75 fl. oz.
Distilled water q. s.....	128.0 fl. oz.

(d) *N. F. preparation.* In the preparation of N. F. formula pursuant to paragraph (c) of this section the quantities of soap, camphor and oil of rosemary referred to as separate items in the formula are exclusive of the denaturants in the specially denatured alcohol and are quantities that must be added in order that the finished produce may comply with the official N. F. preparation.

§ 212.36 *Formula No. 27—A—(a) Formula.* To every 100 gallons of alcohol add:

Thirty-five pounds of camphor, U. S. P. and 1 gallon of clove oil, U. S. P.

(b) *Authorized uses.* (1) As a solvent:

210. External pharmaceuticals (not U. S. P. or N. F.).

§ 212.37 *Formula No. 27-B—(a) Formula.* To every 100 gallons of alcohol add:

One gallon of lavender oil, U. S. P., and 100 pounds of medicinal soft soap, U. S. P.

(b) *Authorized uses.* (1) As a solvent.

141. Shampoos.

210. External pharmaceuticals (not U. S. P. or N. F.).

243. Liniments (U. S. P. or N. F.).

410. Disinfectants, insecticides, fungicides and other biocides.

(c) *Formula for medicinal soft soap liniment U. S. P. (using S. D. A. Formula No. 27-B).*

Medicinal soft soap, 81.0 av. oz. 240 gr. U. S. P.

Lavender oil, U. S. P.----- 2.0 fl. oz. 66 min.

S. D. A. Formula No. 27-B

q. s.----- 128.0 fl. oz.

(d) *U. S. P. preparation.* In the preparation of U. S. P. formula pursuant to paragraph (c) of this section the quantities of ingredients referred to as separate items in the formula are exclusive of the denaturants in the specially denatured alcohol and are necessary additions in order that the finished product may comply with the official formula.

§ 212.38 *Formula No. 28-A—(a) Formula.* To every 100 gallons of alcohol add:

One gallon of gasoline.

(b) *Authorized uses.* (1) As a fuel:

611. Automobile and supplementary fuels.

612. Airplane and supplementary fuels.

613. Rocket and jet fuels.

620. Proprietary heating fuels.

630. Other fuel uses.

§ 212.39 *Formula No. 29—(a) Formula.* To every 100 gallons of alcohol add:

One gallon of 100 percent acetaldehyde or 5 gallons of an alcohol solution of acetaldehyde containing not less than 20 percent acetaldehyde, or, where approved by the Director, Alcohol and Tobacco Tax Division, as to material and quantity, not less than 6.8 pounds if solid, or 1 gallon if liquid, of any chemical. Where material other than acetaldehyde is proposed to be used the applicant will furnish the Director, Alcohol and Tobacco Tax Division, with specifications and duplicate 8 ounce samples.

(b) *Authorized uses.* (1) As a raw material:

512. Acetic acid.

521. Ethyl acetate.

522. Ethyl chloride.

523. Other ethyl esters.

530. Ethylamines (for rubber processing).

540. Dyes and intermediates (ethylamines).

551. Acetaldehyde.

552. Other aldehydes.

561. Ethyl ether.

562. Other ethers.

571. Ethylene dibromide.

572. Ethylene gas.

573. Xanthates.

575. Drugs and medicinal chemicals.

579. Other chemicals.

580. Synthetic rubber.

(c) *Conditions governing use.* This formula is restricted to processes in

which the alcohol loses its identity by being converted into other chemicals.

§ 212.40 *Formula No. 30—(a) Formula.* To every 100 gallons of alcohol add:

Ten gallons of methyl alcohol.

(b) *Authorized uses.* (1) As a solvent:

021. Cellulose plastics.

022. Non-cellulose plastics.

031. Photographic film and emulsions.

035. Soldering flux.

036. Adhesives and binders.

051. Polishes.

052. Inks.

053. Stains.

142. Soap and bath preparations.

331. Processing pectin.

332. Processing other food products.

341. Processing crude drugs.

342. Processing glandular products, vitamins, hormones and yeasts.

343. Processing antibiotics and vaccines.

344. Processing medicinal chemicals (including alkaloids).

345. Processing blood and blood products.

349. Miscellaneous drug processing (including manufacture of pills).

352. Processing perfume materials and fixatives.

353. Processing photographic chemicals.

358. Processing other chemicals.

359. Processing miscellaneous products.

410. Disinfectants, insecticides, fungicides and other biocides.

430. Sterilizing and preserving solutions.

440. Industrial detergents and soaps.

450. Cleaning solutions (including household detergents).

481. Photoengraving and rotogravure solutions and dyes.

482. Other dye solutions.

485. Miscellaneous solutions (including duplicating fluids).

(2) As a raw material:

575. Drugs and medicinal chemicals.

579. Other chemicals.

(3) As a fluid in:

740. Refrigerating uses.

750. Other fluid uses.

(4) Miscellaneous uses:

810. Laboratory use.

§ 212.41 *Formula No. 31-A—(a) Formula.* To every 100 gallons of alcohol add:

One hundred pounds of glycerol, U. S. P. and 20 pounds of hard soap, N. F.

(b) *Authorized uses.* (1) As a solvent:

113. Lotions and creams (hand, face, and body).

131. Tooth paste and tooth powder.

141. Shampoos.

§ 212.42 *Formula No. 32—(a) Formula.* To every 100 gallons of alcohol add:

Five gallons of ethyl ether.

(b) *Authorized uses.* (1) As a solvent:

031. Photographic film and emulsions.

052. Inks (including meat branding inks).

241. Collodion (U. S. P.).

332. Processing miscellaneous food products.

342. Processing glandular products, vitamins, hormones and yeasts.

343. Processing antibiotics and vaccines.

430. Sterilizing and preserving solutions.

481. Photoengraving and rotogravure solutions and dyes.

(2) As a raw material:

522. Ethyl chloride.

523. Other ethyl esters.

561. Ethyl ether.

562. Other ethers.

571. Ethylene dibromide.

572. Ethylene gas.

575. Drugs and medicinal chemicals.

579. Other chemicals.

580. Synthetic rubber.

§ 212.43 *Formula No. 33—(a) Formula.* To every 100 gallons of alcohol add:

Thirty pounds of methyl violet, U. S. P.

(b) *Authorized uses.* (1) As a solvent:

052. Inks.

(c) *Conditions governing use.* Meat branding inks made with Formula No. 33 do not meet U. S. Department of Agriculture meat inspection specifications for use in federally inspected establishments. Such inks must be made with FD&C Violet No. 1. Specially denatured alcohol Formulas No. 23-A and 32 are authorized for this purpose.

§ 212.44 *Formula No. 35—(a) Formula.* To every 100 gallons of alcohol add:

Thirty-five gallons of ethyl acetate.

(b) *Authorized uses.* (1) As a solvent:

015. Candy glazes.

§ 212.45 *Formula No. 35-A—(a) Formula.* To every 100 gallons of alcohol add:

4.26 gallons of ethyl acetate having an ester content of 100 percent by weight or the equivalent thereof not to exceed 5 gallons of ethyl acetate with an ester content of not less than 85 percent by weight.

(b) *Authorized uses.* (1) As a solvent:

015. Candy glazes.

331. Processing pectin.

332. Processing other food products.

342. Processing glandular products, vitamins, hormones and yeasts.

343. Processing antibiotics and vaccines.

344. Processing medicinal chemicals (including alkaloids).

349. Miscellaneous drug processing (including manufacture of pills).

358. Processing miscellaneous chemicals.

359. Processing miscellaneous products.

(2) As a raw material:

511. Vinegar.

521. Ethyl acetate.

523. Other ethyl esters.

§ 212.46 *Formula No. 36—(a) Formula.* To every 100 gallons of ethyl alcohol add:

Three gallons of strong ammonia solution, U. S. P.

(b) *Authorized uses.* (1) As a raw material:

530. Ethylamines (for rubber processing).

540. Dyes and intermediates (ethylamines).

§ 212.47 *Formula No. 37—(a) Formula.* To every 100 gallons of alcohol add:

Forty-five fluid ounces of eucalyptol, U. S. P., 30 av. ounces of thymol, N. F. and 20 av. ounces of menthol, U. S. P.

(b) *Authorized uses.* (1) As a solvent:

- 111. Hair and scalp preparations.
- 112. Bay rum.
- 113. Lotions and creams (hand, face and body).
- 131. Dentifrices.
- 132. Mouth washes.
- 210. External pharmaceuticals (not U. S. P. or N. F.).
- 244. Antiseptic solutions (U. S. P. or N. F.).
- 410. Disinfectants, insecticides, fungicides and other biocides.
- 430. Sterilizing and preserving solutions.
- 470. Theater sprays, incense and room deodorants.

§ 212.48 *Formula No. 38-B—(a) Formula.* To every 100 gallons of alcohol add:

Ten pounds of any one or a total of 10 pounds of two or more of the oils and substances listed below:

Anethol, U. S. P.
 Anise oil, U. S. P.
 Bay oil (myrcia oil), N. F.
 Benzaldehyde, N. F.
 Bergamot oil, N. F.
 Bitter almond oil, N. F.
 Camphor, U. S. P.
 Cedar leaf oil, U. S. P.-XIII
 Chlorothymol, N. F.
 Cinnamic aldehyde, N. F. IX
 Cinnamon oil (cassia oil), U. S. P.
 Citronella oil, natural
 Clove oil, U. S. P.
 Coal tar, U. S. P.
 Eucalyptol, U. S. P.
 Eucalyptus oil, N. F.
 Eugenol, U. S. P.
 Guaiacol, N. F.
 Lavender oil, U. S. P.
 Menthol, U. S. P.
 Mustard oil, volatile (allyl isothiocyanate), U. S. P. XII
 Peppermint oil, U. S. P.
 Phenol, U. S. P.
 Phenyl salicylate (salol), N. F.
 Pine oil, N. F.
 Pine needle oil, dwarf, N. F.
 Rosemary oil, N. F.
 Safrol
 Sassafras oil, N. F.
 Spearmint oil, N. F.
 Spearmint oil, terpeneless.
 Spike lavender oil, natural
 Storax, U. S. P.
 Thyme oil, N. F.
 Thymol, N. F.
 Tolu balsam, U. S. P.
 Turpentine oil, N. F.
 Wintergreen oil (methyl salicylate), U. S. P.

Each ingredient and the amount used to make up the required 10 pounds of denaturants must be stated on Form 1479-A. Where it is shown that none of the above single denaturants or combinations can be used in the manufacture of a particular product, application may be made to use another essential oil or substance having denaturing properties satisfactory to the Director, Alcohol and Tobacco Tax Division. In such case the applicant will furnish the Director, Alcohol and Tobacco Tax Division, with specifications and duplicate 8 ounce samples for examination.

(b) *Authorized uses.* (1) As a solvent:

- 111. Hair and scalp preparations.
- 113. Lotions and creams (hand, face and body).
- 114. Deodorants (body).
- 121. Perfumes and perfume tinctures.
- 122. Toilet waters and colognes.
- 131. Dentifrices.
- 132. Mouth washes.
- 141. Shampoos.
- 142. Soap and bath preparations.

210. External pharmaceuticals (not U. S. P. or N. F.).

243. Liniments, U. S. P. or N. F.

244. Antiseptic solutions, U. S. P. or N. F.

249. Miscellaneous external pharmaceuticals U. S. P. or N. F.

410. Disinfectants, insecticides, fungicides and other biocides.

430. Sterilizing and preserving solutions.

470. Theater sprays, incense and room deodorants.

§ 212.49 *Formula No. 38-C—(a) Formula.* To every 100 gallons of alcohol add:

Ten pounds of menthol, U. S. P., and 1.25 gallons of Formaldehyde solution U. S. P.

(b) *Authorized uses.* (1) As a solvent:

- 131. Dentifrices.
- 132. Mouth washes.

§ 212.50 *Formula No. 38-D—(a) Formula.* To every 100 gallons of alcohol add:

Two and one-half pounds of menthol, U. S. P. and 2.5 gallons of Formaldehyde Solution, U. S. P.

(b) *Authorized uses.* (1) As a solvent:

- 131. Dentifrices.
- 132. Mouth washes.

§ 212.51 *Formula No. 38-F—(a) Formula.* To every 100 gallons of alcohol add:

(1) Six pounds of boric acid, U. S. P., 1½ pounds thymol, N. F., 1½ pounds chlorothymol, N. F., and 1½ pounds menthol, U. S. P.; or

(2) Seven pounds of boric acid, U. S. P. and a total of 3 pounds of any two or more denaturing materials listed under Formula No. 38-B. The denaturants selected and the amounts must be stated on Form 1479-A.

(b) *Authorized uses.* (1) As a solvent:

- 132. Mouth washes.
- 244. Antiseptic solutions (U. S. P. or N. F.).

§ 212.52 *Formula No. 39—(a) Formula.* To every 100 gallons of alcohol add:

Nine pounds of sodium salicylate or salicylic acid, U. S. P., 1.25 gallons fluid extract of quassia, N. F. VII and ½ gallon of *tert*-butyl alcohol.

(b) *Authorized uses.* (1) As a solvent:

- 111. Hair and scalp preparations.
- 112. Bay rum.
- 121. Perfume and perfume tinctures.
- 122. Toilet waters and colognes.

§ 212.53 *Formula No. 39-A—(a) Formula.* To every 100 gallons of ethyl alcohol add:

Sixty av. ounces of any one of the following alkaloids or salts together with ½ gallon of *tert*-butyl alcohol:

Quinine, N. F.
 Quinine bisulfate, N. F.
 Quinine hydrochloride, U. S. P.
 Cinchonidine
 Cinchonidine sulfate, N. F. IX.

The denaturant selected must be stated on Form 1479-A.

(b) *Authorized uses.* (1) As a solvent:

- 111. Hair and scalp preparations.
- 122. Toilet waters and colognes.
- 141. Shampoos.

§ 212.54 *Formula No. 39-B—(a) Formula.* To every 100 gallons of alcohol add:

Two and one-half gallons of diethyl phthalate and ½ gallon of *tert*-butyl alcohol.

(b) *Authorized uses.* (1) As a solvent:

- 111. Hair and scalp preparations.
- 112. Bay rum.
- 113. Lotions and creams (hand, face and body).
- 114. Deodorants (body).
- 121. Perfumes and perfume tinctures.
- 122. Toilet waters and colognes.
- 141. Shampoos.
- 142. Soap and bath preparations.
- 210. External pharmaceuticals (not U. S. P. or N. F.).
- 410. Disinfectants, insecticides, fungicides and other biocides.
- 450. Cleaning solutions (including household detergents).
- 470. Theater sprays, incense and room deodorants.
- 485. Miscellaneous solutions.

§ 212.55 *Formula No. 39-C—(a) Formula.* To every 100 gallons of alcohol add:

One gallon of diethyl phthalate.

(b) *Authorized uses.* (1) As a solvent:

- 111. Hair and scalp preparations.
- 113. Lotions and creams (hand, face and body).
- 114. Deodorants (body).
- 121. Perfumes and perfume tinctures.
- 122. Toilet waters.
- 142. Soaps and bath preparations.
- 470. Theater sprays, incense and room deodorants.
- 482. Miscellaneous dye solutions (own use only).

(c) *Conditions governing use.* Preparations manufactured with Formula No. 39-C must contain in each gallon of finished product not less than 2 fluid ounces of perfume material (essential oils, isolates, aromatic chemicals, etc.) satisfactory to the Director, Alcohol and Tobacco Tax Division.

§ 212.56 *Formula No. 39-D—(a) Formula.* To every 100 gallons of alcohol add:

One gallon of bay oil, N. F. and either 50 av. ounces of quinine sulphate, U. S. P., 50 av. ounces of quinine bisulphate, N. F., or 200 av. ounces of sodium salicylate, U. S. P.

The denaturant selected must be stated on Form 1479-A.

(b) *Authorized uses.* (1) As a solvent:

- 111. Hair and scalp preparations.
- 112. Bay rum.

§ 212.57 *Formula No. 40—(a) Formula.* To every 100 gallons of alcohol add:

Three av. ounces of brucine (alkaloid) or brucine sulfate, N. F. IX and ½ gallon of *tert*-butyl alcohol.

(b) *Authorized uses.* (1) As a solvent:

- 111. Hair and scalp preparations.
- 112. Bay rum.
- 113. Lotions and creams (hand, face and body).
- 114. Deodorants (body).
- 121. Perfumes and perfume tinctures.
- 122. Toilet waters and colognes.
- 141. Shampoos.

142. Soaps and bath preparations.
 210. External pharmaceuticals (not U. S. P. or N. F.).
 410. Disinfectants, insecticides, fungicides and other biocides.
 450. Cleaning solutions (including household detergents).
 470. Theater sprays, incense and room deodorants.
 482. Miscellaneous dye solutions.
 485. Miscellaneous solutions.

§ 212.58 *Formula No. 40-A—(a) Formula.* To every 100 gallons of alcohol add:

Five pounds of sucrose octa-acetate and $\frac{1}{8}$ gallon of *tert*-butyl alcohol.

(b) *Authorized uses.* (1) As a solvent:

111. Hair and scalp preparations.
 112. Bay rum.
 113. Lotions and creams (hand, face and body).
 114. Deodorants (body).
 121. Perfumes and perfume tinctures.
 122. Toilet waters and colognes.
 141. Shampoos.
 142. Soap and bath preparations.
 210. External pharmaceuticals (not U. S. P. or N. F.).
 410. Disinfectants, insecticides, fungicides and other biocides.
 470. Theater sprays, incense and room deodorants.
 485. Miscellaneous solutions.

§ 212.59 *Formula No. 42—(a) Formula.* To every 100 gallons of alcohol add:

(1) Eighty grams of potassium iodide, U. S. P. and 109 grams of red mercuric iodide, N. F.;

(2) Ninety-five grams of thimerosal, N. F.; or

(3) Seventy-six grams of any of the following: phenyl mercuric nitrate, N. F.; phenyl mercuric chloride, N. F. IX or phenyl mercuric benzoate.

(b) *Authorized uses.* (1) As a solvent:

430. Sterilizing and preserving solutions.

§ 212.60 *Formula No. 44—(a) Formula.* To every 100 gallons of alcohol add:

Ten gallons of *n*-butyl alcohol.

(b) *Authorized uses.* (1) As a solvent:

430. Sterilizing and preserving solutions.

§ 212.61 *Formula No. 45—(a) Formula.* To every 100 gallons of alcohol add:

Three hundred pound of refined white or orange shellac.

(b) *Authorized uses.* (1) As a solvent:

015. Candy glazes.

§ 212.62 *Formula No. 46—(a) Formula.* To every 100 gallons of alcohol add:

Twenty-five fluid ounces of phenol, U. S. P. and 4 fluid ounces of wintergreen oil (methyl salicylate), U. S. P.

(b) *Authorized uses.* (1) As a solvent:

220. An antiseptic, sterilizing and bathing solution having restricted use.

(c) *Conditions governing use.* This formula may be used only by institutions and organizations which are of a semi-

public character and engaged in charitable work.

SUBPART E—SPECIFICATIONS FOR DENATURANTS

§ 212.65 *General.* Denaturants prescribed in this part shall comply with the specifications set forth in this subpart: *Provided*, That, in order to meet requirements of national defense or for other valid reason, the Director, Alcohol and Tobacco Tax Division, may authorize variations from such specifications or authorize the use of substitute denaturants where such variation or substitution will not jeopardize the revenue.

§ 212.66 *U. S. P. or N. F.* Denaturing materials and products listed in this part as "U. S. P." or "N. F." shall meet the specifications set forth in the current United States Pharmacopeia or National Formulary or the latest volume in which they appeared as official preparations. The designations "U. S. P." and "N. F." shall be considered interchangeable when preparations are transferred from one official publication to the other.

§ 212.67 *Acetaldehyde.*

Aldehyde content (as acetaldehyde). Not less than 95.0 percent by weight.

Color. Colorless.

Odor. Characteristic pungent, fruity odor.

Specific gravity at 15.56°/15.56° C. Not less than 0.7800.

§ 212.68 *Acetaldo.*

Purity. Not less than 90 percent by weight acetaldo as determined by the following method:

Dissolve 15 grams of the acetaldo in distilled water and dilute to 1 liter in a volumetric flask. Transfer 5 ml. of this solution to a 250 ml. glass-stoppered flask containing 25 ml. distilled water. Add 25 ml. of a freshly prepared 1 percent sodium bisulfite solution. Prepare a blank omitting the acetaldo solution. Place the flasks in a dark place away from excessive heat or cold and allow to stand six hours. Remove flasks and titrate free bisulfite with 0.1 N. Iodine solution using starch indicator.

$$\text{Percent acetaldo by weight} = \frac{(\text{ml. blank} - \text{ml. test}) \times 200 \times 0.44}{\text{weight of sample}}$$

Titration in excess of 100 percent may be obtained if the sample contains appreciable amounts of acetaldehyde.

Specific gravity at 20° C. 1.098 to 1.105.

§ 212.69 *Benzene.*

Distillation range—(Applicable A. S. T. M. method). When 100 ml. of benzene are distilled by this method, not more than 1 ml. should distill below 77° C., and not less than 95 ml. below 85° C.

Odor. Characteristic odor.

Specific gravity at 15.6°/15.6° C. 0.875 to 0.886.

Water solubility. When 10 ml. of benzene are shaken with an equal volume of water in a glass-stoppered cylinder, graduated to 0.1 ml., and allowed to stand 5 minutes to separate, the upper layer of liquid shall measure not less than 9.5 ml.

§ 212.70 *Bone oil (Dipple's oil).*

Color. The color shall be a deep brown.

Distillation range. When 100 ml. are distilled in the manner described for wood alcohol, not more than 5.0 ml. should distill below 90° C.

Pyrral reaction. Prepare a 1.0 percent solution of bone oil in 95 percent alcohol. Prepare a second solution containing 0.025 percent bone oil by diluting 2.50 ml. of the

first solution to 100 ml. with 95 percent alcohol. Dip a splinter of pine, previously moistened with concentrated hydrochloric acid, into 10 ml. of the 0.025 percent bone oil solution. After a few minutes the splinter should show a distinct red coloration.

Reaction with mercuric chloride. Add 5 ml. of the 1.0 percent bone oil solution above to 5 ml. of a 2 percent alcoholic solution of mercuric chloride. A turbidity is formed at once which separates into a flocculent precipitate on standing several minutes. Add 5.0 ml. of the 0.025 percent bone oil solution to 5.0 ml. of a 2.0 percent alcoholic solution of mercuric chloride. A faint turbidity appears after several minutes.

§ 212.71 *Brucine alkaloid.*

Identification test. Add a few drops of concentrated nitric acid to about 10 mg. of brucine alkaloid. A vivid red color is produced. Dilute the red solution with a few drops of water and add a few drops of freshly made dilute stannous chloride solution. A reddish purple (violet) color is produced.

Melting point. 178° C. $\pm 1^\circ$. Dry the alkaloid in an oven for one hour at 100° C., increase the temperature to 110° and dry to a constant weight before taking melting point.

NOTE: Brucine alkaloid—4 H₂O melts at 105° C. while the anhydrous form melts at 178° C.

Strychnine test. Brucine alkaloid shall be free of strychnine when tested by the method listed under Brucine Sulfate in the National Formulary, 9th Edition.

NOTE: If the brucine contains as much as 0.05 percent strychnine, a clear distinctive violet color, characteristic of strychnine, will be obtained.

Sulfate test. No white precipitate is formed that is not dissolved by hydrochloric acid when several drops of a 1 N barium chloride solution are added to 10 ml. of a solution of the alkaloid.

§ 212.72 *n-Butyl alcohol.*

Acidity (as acetic acid). 0.03 percent by weight maximum.

Color. Colorless.

Dryness at 20° C. Miscible without turbidity with 10 volumes of 60° Bé. gasoline.

Odor. Characteristic odor.

Specific gravity at 20°/20° C. 0.810 to 0.815.

§ 212.73 *tert.-Butyl alcohol.*

Acidity (as acetic acid). 0.003 percent by weight maximum.

Color. Colorless.

Distillation range (Applicable A. S. T. M. method). When 100 ml. of tertiary butyl alcohol are distilled, none should distill below 78° C. and none above 85° C. More than 95 percent should distill between 81°–83° C.

Dryness at 20° C. Miscible without turbidity with 19 volumes of 60° Bé. gasoline.

Freezing point (first needle). Above 20° C.

Identification test. Place 5 drops of a solution containing approximately 0.1 percent tertiary butyl alcohol in ethyl alcohol in a test tube. Add 2 ml. of Denigé's reagent. (Dissolve 5 grams of red mercuric oxide in 20 ml. concentrated sulfuric acid. Add this solution to 80 ml. of distilled water, and filter when cool.) Heat the mixture just to the boiling point and remove from the flame. A yellow precipitate forms within a few seconds.

Non volatile matter. Less than 0.005 percent by weight.

Odor. Characteristic odor.

Residual odor after evaporation. None.

Specific gravity at 25°/25° C. 0.780 to 0.786.

§ 212.74 *Chloroform.*

Odor. Characteristic odor.

Specific gravity at 25°/25° C. Not less than 1.400.

§ 212.75 *Cinchonidine.*

Melting point. 208° to 210° C.

Color. White powder.

Taste. Bitter.

Test. A solution of cinchonidine in dilute sulfuric acid shall not have more than a faint blue fluorescence (to distinguish from quinine and quinidine).

§ 212.76 *Citronella oil, natural—(a) Java type:*

Alcohol content (as Geraniol). Not less than 85 percent by weight.

Aldehyde content (as Citronella). Not less than 30 percent by weight.

Refractive index at 20° C. 1.4660 to 1.4745.

Specific gravity at 25°/25° C. 0.875 to 0.893.

Odor. Characteristic odor.

(b) *Ceylon type.*

Alcohol content (as Geraniol). Not less than 55 percent by weight.

Aldehyde content (as Citronella). Not less than 7 percent by weight.

Refractive index at 20° C. 1.4790 to 1.4850.

Specific gravity at 25°/25° C. 0.891 to 0.904.

Odor. Characteristic odor.

§ 212.77 *Diethyl phthalate.*

Color. Colorless.

Distillation range (Applicable A. S. T. M. method). When 100 ml. of diethyl phthalate are distilled by this method none should distill below 290° C. and none above 297° C.

Ester content (as diethyl phthalate). Not less than 99 percent by weight.

NOTE: The sample taken for ester determination should be approximately 0.8 gram. The number of ml. of 0.5N KOH used in saponification multiplied by 0.05555, indicates the grams of ester in the sample taken for assay.

Odor. Practically odorless.

Solubility. Soluble in 2 parts of 60 percent alcohol.

Specific gravity at 25°/25° C. 1.115 to 1.118.

§ 212.78 *Ethyl acetate.*

Acidity (as acetic acid). Not more than 0.015 percent by weight.

Color. Colorless.

Distillation range (Applicable A. S. T. M. method). When 100 ml. of ethyl acetate are distilled by this method none shall distill below 70° C.; not more than 10 ml. shall distill below 72° C., and none above 80° C.

Ester content. Not less than 85 percent by weight.

Odor. Characteristic odor.

Specific gravity at 20°/20° C. Not less than 0.885.

§ 212.79 *Ethyl ether.*

Odor. Characteristic odor.

Specific gravity at 15.56°/15.56° C. Not more than 0.728.

§ 212.80 *Gasoline.*

Distillation range (Applicable A. S. T. M. method). When 100 ml. of gasoline are distilled none shall distill below 90° F. Not more than 5 ml. shall be collected below 140° F., and not less than 50 ml. shall distill below 230° F.

Odor. Characteristic odor.

§ 212.81 *Kerosene.*

Distillation range (Applicable A. S. T. M. method). No distillate should come over below 340° F. and none above 570° F.

Flash point. 115° F. minimum.

Odor. Characteristic odor.

§ 212.82 *Methyl alcohol.*

Specific gravity at 15.56°/15.56° C. 0.810 maximum.

§ 212.83 *Methyl isobutyl ketone.*

Acidity (as acetic acid). 0.02 percent by weight, maximum.

Color. Colorless.

Distillation range (Applicable A. S. T. M. method). No distillate should come over below 111° C. and none above 117° C.

Odor. Characteristic odor.

Specific gravity at 20°/20° C. 0.799 to 0.804.

§ 212.84 *Nicotine solution.*

Composition: Five gallons of an aqueous solution containing 40 percent nicotine; 3.6 av. oz. methylene blue N. F.; water sufficient to make 100 gallons.

Color. One ml. of the nicotine solution (previously agitated in the presence of air) is measured into 100 ml. of water and thoroughly mixed. Fifty ml. of this colored solution is compared, using Nessler tubes, with 50 ml. of a standard color solution containing 5 grams of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$, C. P. in 100 ml. of water. The color intensity of the solution tested should be equal to or greater than that of the standard solution.

Nicotine content. The above solution must contain not less than 1.88 percent of nicotine determined by the following process: 20 ml. of the solution are measured into a 500 ml. Kjeldahl flask provided with a suitable bulb tube, 50 ml. of 0.1 N NaOH added and the mixture distilled in a current of steam until the distillate is no longer alkaline (about 500 ml.). The distillate is then titrated with 0.1 N H_2SO_4 using rosolic acid or methyl red as indicator. Not less than 23.2 ml. should be required for neutralization.

§ 212.85 *Phenyl mercuric benzoate.*

Assay (as phenyl mercuric benzoate). Not less than 99.0 percent by weight.

Melting point. Not less than 94° C.

§ 212.86 *Pyridine bases.*

Alkalinity. One ml. of pyridine bases dissolved in 10 ml. of water is titrated with N H_2SO_4 until a drop of the mixture placed upon Congo paper shows a distinct blue border, which soon disappears. A minimum of 9.5 ml. of the acid must be required for the end point. (Congo paper: filter paper treated with 0.1 percent aqueous solution of Congo red and dried.)

Distillation range. 100 ml. of the denaturant are distilled in the same apparatus prescribed for wood alcohol. At least 50 ml. must distill at or below 140° C. and at least 90 ml. below 160° C.

Reactions. Dissolve 1 ml. of pyridine bases in 100 ml. of water. (a) 10 ml. of this solution are treated with 5 ml. of 5 percent aqueous solution of anhydrous fused CaCl_2 and the mixture vigorously shaken. An abundant crystalline separation should occur within 10 minutes.

(b) 10 ml. of the pyridine solution mixed with 5 ml. of Nessler's reagent must give a white precipitate.

Water content. 20 ml. of pyridine bases are shaken with 20 ml. of a caustic soda solution having a specific gravity of 1.40 (15.56°/15.56° C.) and the mixture allowed to stand until completely separated into two layers. The amount of the pyridine base layer should be 18.5 ml., minimum.

§ 212.87 *Pyronate.*

Pyronate is a product of the destructive distillation of hardwood meeting the following requirements:

Acidity (as acetic acid). Not more than 0.1 percent by weight, determined as follows:

Add 5.0 ml. sample to 100 ml. distilled water in an Erlenmeyer flask and titrate with 0.1 N NaOH to a bromthymol blue end-point.

Color. The color shall be no darker than the color produced by 2.0 grams of potassium dichromate in 1 liter of water. The comparison shall be made in 4 oz. oil sample bottles viewed crosswise.

Distillation range (Applicable A. S. T. M. method). When 100 ml. are distilled not more than 5 ml. shall distill below 70° C., and not less than 50 ml. below 160° C., and not less than 90 ml. below 205° C.

NOTE: Any material submitted as pyronate must agree in color, odor, taste and denaturing value with a standard sample furnished by the Alcohol and Tobacco Tax Division, Internal Revenue Service, to chemists authorized to examine samples of denaturants.

§ 212.88 *Rubber hydrocarbon solvent.*

Rubber hydrocarbon solvent is a petroleum derivative:

Distillation range (Applicable A. S. T. M. method). When 10 percent of the sample has been distilled into a graduated receiver, the thermometer shall not read more than 162° F. nor less than 120° F. When 90 percent has been recovered in the receiver the thermometer shall not read more than 250° F.

§ 212.89 *Safrol.*

Congeeing point. 10.0° to 11.2° C.

Refractive index at 20° C. 1.5363 to 1.5385.

Specific gravity at 15°/15° C. 1.100 to 1.107.

Odor. Characteristic odor.

§ 212.90 *Shellac (refined).*

Arsenic content. None as determined by the Marsh Method or Gutzzeit Method.

Color. White or orange.

Rosin content. None when tested by the following method: Add 20 ml. of absolute alcohol or glacial acetic acid (m. p. 13° to 15° C.) to 2 grams of the shellac and thoroughly dissolve. Add 100 ml. of petroleum ether and mix thoroughly. Add approximately 2 liters of water and separate a portion of the ether layer (at least 50 ml.) and filter if cloudy. Evaporate the petroleum ether and test as follows: Solution A—5 ml. phenol dissolved in 10 ml. carbon tetrachloride. Solution B—1 ml. bromine dissolved in 4 ml. carbon tetrachloride. To the residue obtained above add 2 ml. of Solution A and transfer the mixture to a porcelain spot plate, filling one cavity. Immediately fill an adjacent cavity with Solution B. Cover the plate with a watch glass and observe any color formation in Solution A. A decided purple or deep indigo blue color is an indication of the presence of rosin.

§ 212.91 *Sodium (metallic).*

Color. Silvery-white (metallic luster) when freshly cut.

Identification test. Clean a platinum wire by dipping it in concentrated hydrochloric acid and holding it over a Bunsen burner until the flame is no longer colored. Moisten the wire loop with hydrochloric acid and dip it into the sample. Hold the wire in the Bunsen flame and note the color. Sodium produces a golden yellow flame; not observed when viewed through a cobalt glass.

Purity. Technical grade or better.

§ 212.92 *Spearmint oil, terpeneless.*

Carvone content. Not less than 85 percent by weight.

Refractive index at 20° C. 1.4930 to 1.4980.

Specific gravity at 25°/25° C. 0.949 to 0.956.

Odor. Characteristic odor.

§ 212.93 *Spike lavender oil, natural.*

Alcohol content (as borneol). Not less than 30 percent by weight.

Esters (as bornyl acetate). Not less than 1.5 percent by weight.

Refractive index at 20° C. 1.4630 to 1.4680.

Specific gravity at 25°/25° C. 0.893 to 0.909.

Odor. Characteristic odor.

§ 212.94 Sucrose octa-acetate.

Sucrose octa-acetate is an organic acetylation product occurring as a cream-colored, nonhygroscopic powder, having an intensely bitter taste.

Free acid (as acetic acid). Maximum percentage 0.15 by weight when determined by the following procedure: Dissolve 1.0 gram of sample in 50 ml. of neutralized ethyl alcohol (or SDA No. 30) and titrate with 0.1 N sodium hydroxide using phenolphthalein indicator.

Percent acid as acetic acid

$$\frac{\text{ml. NaOH used} \times 0.6}{\text{weight of sample}}$$

Insoluble matter. 0.30 percent by weight maximum.

Melting point. Not less than 78.0° C. or more than 84.0° C.

Purity. Sucrose octa-acetate 98% minimum by weight when determined by the following procedure: Transfer a weighed 1.50 gram sample to a 500 ml. Erlenmeyer flask containing 100 ml. of neutral ethyl alcohol (or SDA No. 30) and exactly 50.0 ml. of 0.5 N sodium hydroxide. Reflux for one hour on a steam bath, cool and titrate the excess sodium hydroxide with 0.5 N sulfuric acid using phenolphthalein indicator.

Percent sucrose octa-acetate

$$\frac{(\text{ml. NaOH} - \text{ml. H}_2\text{SO}_4) \times 4.2412}{\text{weight of sample}}$$

§ 212.95 Vinegar.

Acidity (as acetic acid). 9.0 percent by weight, minimum.

§ 212.96 Wood alcohol.

The wood alcohol submitted must be a partially purified distillate from crude wood alcohol obtained only by the destructive distillation of wood. It may be a blend of those distillation fractions commonly known as the methyl acetone, methyl alcohol, and allyl fractions. This blend shall consist in its entirety of all or portions of each of the fractions.

A mere physical mixture of the essential chemical constituents will not be approved nor will the addition of water subsequent to distillation in order to make the specific gravity conform to the specifications. It is the intent of these specifications that the chemical findings outlined below shall be due only to those impurities or ingredients naturally formed in the course of the destructive distillation of wood and that the extent of the presence of such impurities or ingredients be due entirely to their natural occurrence in the fractions mentioned above.

Acetone. Not less than 10.0 grams nor more than 20.0 grams of acetone and other substances estimated as acetone per 100 ml. of sample when tested by the following method: One ml. of a mixture of 10 ml. wood alcohol and 90 ml. of water is treated with 10 ml. of 2 N sodium hydroxide solution. To this mixture is added, with shaking, 50 ml. of 0.1 N iodine solution. After standing for fifteen minutes the solution is acidified with dilute sulfuric acid. The excess iodine is titrated with 0.1 N sodium thiosulfate solution using 1-2 ml. starch indicator. From 10.3 to 20.7 ml. of 0.1 N iodine solution should be required by the sample. The test should be made at a temperature between 15° and 20° C.

Calculation:

X=grams of acetone in 100 ml. sample.

Y=ml. of 0.1 N iodine solution required.

N=ml. of sample taken for titration.

Then:

$$\frac{Y(0.0968)}{N}$$

X=

It is recommended that a blank be run with each test using a solution of 16 grams of acetone, C. P., made up to 100 ml. with absolute methanol. The difference between the known value and the titrated value of the blank is added to the amount of acetone found in the sample.

Color. Not darker than a freshly prepared solution of 2 ml. of 0.1 N iodine diluted to one liter with distilled water.

Distillation range (at 760 mm.) Of a 100 ml. sample taken, 90 ml. or more distillate shall be collected at a temperature not exceeding 75° C. when distilled in the following manner: The sample is placed in a short-necked glass flask of about 200 ml. capacity which is rested on an asbestos plate having a circular opening of 30 mm. in diameter. The neck of this flask is fitted with a fractionating tube 12 mm. in diameter and 170 mm. long and having a bulb just 1 cm. below the side tube which is connected with a Liebig condenser having a water jacket not less than 400 mm. in length. A standardized thermometer is placed in the fractionating tube so that the mercury bulb is suspended in the center of the fractionating bulb. Heat is applied slowly and in such manner that 5 ml. of distillate is collected per minute in a graduated cylinder.

Correction may be made for variations in barometric pressure by allowing 1° C. for each variation of 30 mm. from normal (760 mm.). Thus, at 770 mm., 90 ml. should have distilled at 75.3° C. and at 750 mm., 90 ml. should have distilled at 74.7° C.

Esters (as methyl acetate). Not less than 3 nor more than 10 grams per 100 ml. when determined as follows: Dilute 10 ml. of wood alcohol to 500 ml. with distilled water and agitate until thoroughly mixed. Transfer 100 ml. of this mixture to a 500 ml. flask, neutralize free acid, add 50 ml. excess 0.1 N sodium hydroxide (carbonate free) connect flask with air-cooled condenser about 2 feet in length, heat for two hours on a steam bath, allow to cool and titrate excess alkali with 0.1 N sulfuric acid, using phenolphthalein indicator solution.

Calculation:

M=grams of methyl acetate per 100 ml. of sample.

V=ml. of sample titrated (2 ml. in this case).

B=ml. of 0.1 N sodium hydroxide solution required.

Then

$$M = \frac{B(0.0074) \times 100}{V}$$

Miscibility with water (25° to 30° C.). No distinct separation of an oily layer shall be observed three minutes after mixing with twice its volume of water.

Pyrolygneous bodies (by bromine adsorption). It must contain such a quantity of pyrolygneous bodies (derived entirely from the methyl acetone, methyl alcohol and allyl fractions) that not less than 14 ml. nor more than 21 ml. shall be required to decolorize a standard solution containing 0.5 gram of bromine prepared as follows: Transfer 12.406 grams of potassium bromide and 3.481 grams of potassium bromate, C. P., (oven dried for 2 hours at 105° C.) to a liter volumetric flask and make up to volume with distilled water. Transfer 50 ml. of this solution containing 0.5 gram of bromine to a 200 ml. glass-stoppered flask, acidify with dilute sulfuric acid (1 to 4) and allow to stand for five minutes. From a burette add the sample of wood alcohol dropwise, not exceeding 5 ml. per minute, until the bromine color disappears. Record the ml. of sample required. The temperature of the mixture should be 20° C.

Specific gravity 15.56°/15.56° C. 0.8198 minimum.

In addition to the above requirements, the wood alcohol must be of such a character as to impart its characteristic odor and taste to the ethyl alcohol with which it is mixed, thereby giving an unmistakable warning of its presence.

SUBPART F—USES OF SPECIALLY DENATURED ALCOHOL

§ 212.105 Listing of products and processes using specially denatured alcohol and formulas authorized therefore. This section gives a listing, alphabetically by product or process, of formulas of specially denatured alcohol authorized for use in such products or processing, and a listing of the code numbers assigned thereto.

USES OF SPECIALLY DENATURED ALCOHOL¹

Product or process	Code No.	Formulas authorized
Acetaldehyde.....	551	1, 2-B, 29.
Acetic acid.....	512	1, 2-B, 29.
Adhesives and binders.....	036	1, 3-A, 23-A, 30.
Aldehydes, miscellaneous.....	552	1, 2-B, 29.
Alkaloids (processing).....	344	1, 2-B, 2-C, 3-A, 12-A, 13-A, 17, 23-A, 30, 35-A.
Antibiotics (processing).....	343	1, 2-B, 3-A, 12-A, 13-A, 23-A, 30, 32, 35-A.
Antifreeze, proprietary.....	760	1.
Antiseptic, bathing solution (restricted).....	220	46.
Antiseptic solutions, U. S. P. or N. F.....	244	37, 38-B, 39-F.
Bath preparations.....	142	1, 3-A, 3-B, 23-A, 30, 38-B, 39-B, 39-C, 40, 40-A.
Bay rum.....	112	23-A, 37, 39, 39-B, 39-D, 40, 40-A.
Biocides, miscellaneous.....	410	1, 3-A, 3-B, 23-A, 23-H, 27-B, 30, 37, 38-B, 39-B, 40, 40-A.
Blood and blood products (processing).....	345	1, 3-A, 12-A, 13-A, 23-A, 30.
Brake fluids.....	720	1, 3-A.
Candy glazes.....	015	13-A, 23-A, 35, 35-A, 45.
Cellulose coatings.....	011	1, 23-A.
Cellulose compounds (dehydration).....	311	1, 2-B, 3-A.
Cellulose intermediates.....	034	1, 3-A, 13-A, 19, 23-A.
Chemicals (miscellaneous).....	579	1, 2-B, 2-C, 3-A, 6-B, 12-A, 13-A, 17, 20, 29, 30, 32.
Cleaning solutions.....	450	1, 3-A, 23-A, 23-H, 30, 39-B, 40.
Coatings, miscellaneous.....	016	1, 23-A.
Collodions, industrial.....	034	1, 3-A, 13-A, 19, 23-A.
Collodions, U. S. P. or N. F.....	241	13-A, 19, 32.
Colognes.....	122	38-B, 39, 39-A, 39-B, 39-C, 40, 40-A.
Crude drugs (processing).....	341	1, 2-B, 3-A, 23-A, 30.
Cutting oils.....	730	1, 3-A.
Dehydration products, miscellaneous.....	315	1, 2-B, 3-A.
Dentifrices.....	131	31-A, 37, 38-B, 38-C, 39-D.
Deodorants (body).....	114	23-A, 38-B, 39-B, 39-C, 40, 40-A.
Detergents, household.....	450	1, 3-A, 23-A, 23-H, 30, 39-B, 40.
Detergents, industrial.....	440	1, 3-A, 23-A, 30.
Disinfectants.....	574	1, 6-B.
Drugs and medicinal chemicals.....	410	1, 3-A, 3-B, 23-A, 23-H, 27-B, 30, 37, 38-B, 39-B, 40, 40-A.
Drugs, miscellaneous (processing).....	575	1, 2-B, 2-C, 3-A, 6-B, 12-A, 13-A, 17, 20, 30, 32.
Duplicating fluids.....	349	1, 2-B, 3-A, 13-A, 23-A, 30, 35-A.
	485	1, 3-A, 30.

¹ Other products or processes may be authorized by the Director under § 212.15 (b).

USES OF SPECIALLY DENATURATED ALCOHOL—Continued

Product or process	Code No.	Formulas authorized
Dyes and intermediates.....	540	1, 2-B, 2-C, 3-A, 12-A, 29, 36.
Dyes and intermediates (processing).....	351	1, 2-B, 3-A, 12-A.
Dye solutions, miscellaneous.....	482	1, 3-A, 23-A, 80, 39-C, 40.
Embalming fluids, etc.....	420	1, 3-A, 22, 23-A.
Esters, ethyl (miscellaneous).....	523	1, 2-B, 2-C, 3-A, 6-B, 12-A, 13-A, 17, 29, 32, 35-A.
Ether, ethyl.....	561	1, 2-B, 13-A, 29, 32.
Ethers, miscellaneous.....	562	1, 2-B, 13-A, 29, 32.
Ethyl acetate.....	521	1, 2-B, 29, 35-A.
Ethylamines (rubber processing).....	530	1, 2-B, 2-C, 3-A, 12-A, 29, 36.
Ethyl chloride.....	522	1, 2-B, 29, 32.
Ethylene dibromide.....	571	1, 2-B, 29, 32.
Ethylene gas.....	572	1, 2-B, 29, 32.
Explosives.....	033	1, 2-B, 3-A.
External pharmaceuticals (not U. S. P. or N. F.).....	210	23-A, 23-F, 23-H, 27-A, 27-B, 37, 33-B, 39-B, 40, 40-A.
External pharmaceuticals, miscellaneous (U. S. P. or N. F.).....	249	23-A, 25, 25-A, 33-B.
Fluid uses, miscellaneous.....	750	1, 3-A, 23-A, 30.
Food products, miscellaneous (processing).....	332	1, 2-B, 3-A, 13-A, 23-A, 30, 32, 35-A.
Fuel uses, miscellaneous.....	630	1, 3-A, 28-A.
Fuels, airplane and supplementary.....	612	1, 3-A, 28-A.
Fuels, automobile and supplementary.....	611	1, 3-A, 28-A.
Fuels, proprietary heating.....	620	1, 3-A, 28-A.
Fuels, rocket and jet.....	613	1, 3-A, 28-A.
Fungicides.....	410	1, 3-A, 3-B, 23-A, 23-H, 27-B, 30, 37, 33-B, 39-B, 40, 40-A.
Glandular products (processing).....	342	1, 2-B, 3-A, 12-A, 13-A, 23-A, 30, 32, 35-A.
Hair and scalp preparations.....	111	3-B, 23-A, 23-F, 23-H, 37, 33-B, 39, 39-A, 39-B, 39-C, 39-D, 40, 40-A.
Hormones (processing).....	342	1, 2-B, 3-A, 12-A, 13-A, 23-A, 30, 32, 35-A.
Incense.....	470	3-A, 22, 37, 38-B, 39-B, 39-C, 40, 40-A.
Inks.....	052	1, 3-A, 13-A, 23-A, 30, 32, 33.
Insecticides.....	410	1, 3-A, 3-B, 23-A, 23-H, 27-B, 30, 37, 33-B, 39-B, 40, 40-A.
Iodine solutions (including U. S. P. and N. F. tinctures).....	230	25, 25-A.
Laboratory reagents (for sale).....	810	3-A, 30.
Laboratory uses.....	810	3-A, 30.
Lacquer thinners.....	042	1, 23-A.
Liniments (U. S. P. or N. F.).....	243	27, 27-B, 38-B.
Lotions and creams (body, face, and hand).....	113	23-A, 31-A, 37, 38-B, 39-B, 39-C, 40, 40-A.
Medicinal chemicals (processing).....	344	1, 2-B, 2-C, 3-A, 12-A, 13-A, 17, 23-A, 30, 35-A.
Miscellaneous chemicals (processing).....	353	1, 2-B, 2-C, 3-A, 12-A, 13-A, 17, 23-A, 30, 35-A.
Miscellaneous products (processing).....	359	1, 2-B, 2-C, 3-A, 12-A, 13-A, 17, 23-A, 30, 35-A.
Mouth washes.....	132	37, 38-B, 38-C, 38-D, 38-F.
Pectin (processing).....	331	1, 2-B, 3-A, 13-A, 23-A, 30, 35-A.
Perfume materials (processing).....	352	1, 2-B, 3-A, 12-A, 13-A, 30.
Perfumes and perfume tinctures.....	121	38-B, 39, 39-B, 39-C, 40, 40-A.
Petroleum products.....	320	1, 2-B, 3-A.
Photoengraving dyes and solutions.....	481	1, 3-A, 13-A, 30, 32.
Photographic chemicals (processing).....	353	1, 3-A, 2-B, 13-A, 30.
Photographic film and emulsions.....	031	1, 2-B, 3-A, 13-A, 19, 30, 32.
Pill and tablet manufacture.....	349	1, 2-B, 3-A, 13-A, 23-A, 30, 35-A.
Plastics, cellulose.....	021	1, 2-B, 3-A, 12-A, 13-A, 30.
Plastics, noncellulose.....	022	1, 2-B, 3-A, 12-A, 13-A, 30.
Polishes.....	051	1, 3-A, 30.
Preserving solutions.....	430	1, 3-A, 12-A, 13-A, 22, 23-A, 30, 32, 37, 33-B, 42, 44.
Proprietary solvents (standard formulas).....	041	1.
Refrigerating uses.....	740	1, 3-A, 23-A, 30.
Resin coatings, natural.....	014	1, 23-A.
Resin coatings, synthetic.....	012	1, 23-A.
Room deodorants.....	470	3-A, 22, 37, 38-B, 39-B, 39-C, 40, 40-A.
Rotogravure dyes and solutions.....	451	1, 3-A, 13-A, 30, 32.
Rubber synthetic.....	530	29, 32.
Rubbing alcohol compound.....	220	23-B.
Scientific instruments.....	710	1, 3-A.
Shampoos.....	141	1, 3-A, 3-B, 23-A, 27-B, 31-A, 33-B, 39-A, 39-B, 40, 40-A.
Shellac coatings.....	013	1, 23-A.
Soaps, industrial.....	440	1, 3-A, 23-A, 30.
Soaps, toilet.....	142	1, 3-A, 3-B, 23-A, 30, 33-B, 39-B, 39-C, 40, 40-A.
Sodium ethylate, anhydrous (restricted).....	524	2-B, 2-C.
Sodium hydrosulfite (dehydration).....	312	1, 2-B, 3-A.
Soldering flux.....	035	1, 3-A, 23-A, 30.
Solutions, miscellaneous.....	485	1, 3-A, 23-A, 30, 39-B, 40, 40-A.
Solvents and thinners, miscellaneous.....	042	1, 23-A.
Solvents, special (restricted sale).....	043	1.
Stains (wood).....	053	1, 3-A, 23-A, 30.
Sterilizing solutions.....	430	1, 3-A, 12-A, 13-A, 22, 23-A, 30, 32, 37, 33-B, 42, 44.
Theater sprays.....	470	3-A, 22, 37, 38-B, 39-B, 39-C, 40, 40-A.
Tobacco sprays and flavors.....	460	4.
Toilet waters.....	122	38-B, 39, 39-A, 39-B, 39-C, 40, 40-A.
Transparent sheetings.....	032	1, 2-B, 3-A, 13-A, 23-A.
Unclassified uses.....	900	1, 3-A.
Vaccine (processing).....	343	1, 2-B, 3-A, 12-A, 13-A, 23-A, 30, 32, 35-A.
Vinegar.....	511	18, 35-A.
Vitamins (processing).....	342	1, 2-B, 3-A, 12-A, 13-A, 23-A, 30, 32, 35-A.
Xanthates.....	573	1, 2-B, 2-C, 29.
Yeast (processing).....	342	1, 2-B, 3-A, 12-A, 13-A, 23-A, 30, 32, 35-A.

¹ Other products or processes may be authorized by the Director under § 212.15 (b).

² Formula No. 3-A and Formula No. 30 are authorized for general laboratory purposes under Code S10. Other formulas may be authorized for laboratory use in connection with specific product development.

³ Persons desiring other formulas for this use should indicate the fact in the space provided for this purpose on Form 1479-A.

SUBPART G—DENATURANTS AUTHORIZED FOR DENATURATED ALCOHOL

§ 212.110 *Listing of denaturants authorized for denatured alcohol.* Following is an alphabetical listing of denaturants authorized for use in denatured alcohol:

DENATURANTS AUTHORIZED FOR COMPLETELY DENATURATED ALCOHOL (C. D.) AND SPECIALLY DENATURATED ALCOHOL (S. D.)

Acetaldehyde.....	S. D. 29
Acetone N. F.....	S. D. 23-A; 23-H
Acetalol.....	C. D. 18
Almond oil, bitter N. F.....	S. D. 38-B
Ammonia solution, strong U. S. P.....	S. D. 36

Anethole U. S. P.....	S. D. 38-B
Anise oil U. S. P.....	S. D. 38-B
Bay oil (myrcia oil) N. F.....	S. D. 23-F; 38-B; 39-D
Benzaldehyde N. F.....	S. D. 38-B
Benzene.....	S. D. 2-B; 2-C; 12-A
Bergamot oil N. F.....	S. D. 23-F; 38-B
Bone oil (Dipple's oil).....	S. D. 17
Boric acid U. S. P.....	S. D. 38-F
Brucine alkaloid.....	S. D. 40
Brucine sulfate N. F. IX.....	S. D. 40
n-Butyl alcohol.....	S. D. 44
tert-Butyl alcohol.....	S. D. 39; 39-A; 39-B; 40; 40-A
Camphor U. S. P.....	S. D. 27; 27-A; 38-B
Cedar leaf oil U. S. P. XIII.....	S. D. 38-B
Chloroform.....	S. D. 20
Chlorothymol N. F.....	S. D. 38-B; 38-F
Cinnamon oil (cassia oil) U. S. P.....	S. D. 38-B
Citronella oil, natural.....	S. D. 38-B
Cinchonidine.....	S. D. 39-A
Cinchonidine sulfate N. F. IX.....	S. D. 39-A
Cinnamic aldehyde (cinnamaldehyde) N. F. IX.....	S. D. 38-B
Clove oil U. S. P.....	S. D. 27-A; 38-B
Coal tar U. S. P.....	S. D. 38-B
Diethyl phthalate.....	S. D. 39-B; 39-C
Ethyl acetate.....	S. D. 35; 35-A
Ethyl ether.....	S. D. 13-A; 19; 32
Eucalyptol U. S. P.....	S. D. 37; 38-B
Eucalyptus oil N. F.....	S. D. 38-B
Eugenol U. S. P.....	S. D. 38-B
Formaldehyde solution U. S. P.....	S. D. 22; 38-C; 38-D
Gasoline.....	S. D. 28-A
Glycerol U. S. P.....	S. D. 31-A
Guaiacol N. F.....	S. D. 38-B
Iodine U. S. P.....	S. D. 25; 25-A
Kerosene.....	C. D. 18; 19
Lavender oil U. S. P.....	S. D. 27-B; 38-B
Menthol, U. S. P.....	S. D. 37; 38-B; 38-C; 38-D; 38-F
Mercuric iodide, red N. F.....	S. D. 42
Methylene blue N. F.....	S. D. 4
Methyl alcohol.....	S. D. 3-A; 30
Methyl isobutyl ketone.....	C. D. 18; 19; S. D. 23-H
Methyl violet (methylosaniline chloride) U. S. P.....	S. D. 33
Mustard oil, volatile (allyl isothiocyanate), U. S. P. XII.....	S. D. 38-B
Nicotine solution.....	S. D. 4
Peppermint oil U. S. P.....	S. D. 38-B
Phenol U. S. P.....	S. D. 38-B; 46
Phenyl mercuric benzoate.....	S. D. 42
Phenyl mercuric chloride N. F. IX.....	S. D. 42
Phenyl mercuric nitrate N. F.....	S. D. 42
Phenyl salicylate (salol) N. F.....	S. D. 38-B
Pine needle oil, dwarf N. F.....	S. D. 38-B
Pine oil, N. F.....	S. D. 38-B
Pine tar, N. F.....	S. D. 3-B
Potassium iodide, U. S. P.....	S. D. 25; 25-A; 42
Pyridine bases.....	S. D. 6-B
Pyronate.....	C. D. 18
Quassia, fluid extract of, N. F. VII.....	S. D. 39
Quinine, N. F.....	S. D. 39-A
Quinine bisulfate N. F.....	S. D. 39-A; 39-D
Quinine hydrochloride U. S. P.....	S. D. 39-A
Quinine sulfate U. S. P.....	S. D. 39-D
Resorcin, U. S. P.....	S. D. 23-F
Rosemary oil, N. F.....	S. D. 27; 38-B
Rubber hydrocarbon solvent.....	S. D. 2-B; 2-C
Safrol.....	S. D. 38-B
Salicylic acid, U. S. P.....	S. D. 23-F; 39
Sassafras oil, N. F.....	S. D. 38-B
Shellac (refined).....	S. D. 45
Sodium iodide, U. S. P.....	S. D. 25; 25-A
Sodium, metallic.....	S. D. 2-C
Sodium salicylate, U. S. P.....	S. D. 39; 39-D
Soap, hard, N. F.....	S. D. 31-A
Soap, medicinal soft, U. S. P.....	S. D. 27-B
Spearmint oil, N. F.....	S. D. 38-B
Spearmint oil, terpeneless.....	S. D. 38-B
Spike lavender oil, natural.....	S. D. 38-B
Storax, U. S. P.....	S. D. 38-B
Sucrose octa-acetate.....	S. D. 40-A
Thimerosal, N. F.....	S. D. 42
Thyme oil, N. F.....	S. D. 38-B
Thymol, N. F.....	S. D. 37; 38-B; 38-F

Tolu balsam, U. S. P.----- S. D. 38-B
Turpentine oil, N. F.----- S. D. 38-B
Vinegar----- S. D. 18
Wintergreen oil (methyl salicylate)
U. S. P.----- S. D. 38-B; 46
Wood alcohol----- S. D. 1

SUBPART H—WEIGHTS AND SPECIFIC GRAVITIES OF SPECIALLY DENATURED ALCOHOL

§ 212.115 *Weights and specific gravities of specially denatured alcohol.* The

weight of one gallon of each formula of specially denatured alcohol at 15.56° C. (60° F.) is as listed in this section. The specific gravity of each formula of specially denatured alcohol at 15.56° C./15.56° C. (60° F./60° F.) in vacuum is as listed in this section. (Weight of 1 gallon of water at 15.56° C. (60° F.) is 8.32823 pounds in air and 8.33722 pounds in vacuum).

WEIGHTS AND SPECIFIC GRAVITIES OF SPECIALLY DENATURED ALCOHOL

[Slight deviations from this table may occur due to variations in specific gravities of authorized denaturants. Values for 190° proof determined experimentally by National Bureau of Standards. Other values calculated from these gravities.]

SDA formula No.	Finished formula (gal.)	190° proof		192° proof		200° proof	
		Wt./gal. in air	Sp. gr. in vac.	Wt./gal. in air	Sp. gr. in vac.	Wt./gal. in air	Sp. gr. in vac.
1-----	105.0	6.788	0.8153	6.757	0.8115	6.612	0.7942
2-B-----	100.5	6.795	.8161	6.762	.8121	6.612	.7941
2-C-----	99.5					6.959	.8358
3-A-----	105.0	6.785	.8149	6.753	.8111	6.609	.7938
3-B-----	101.0	6.810	.8179	6.777	.8140	6.627	.7960
4-----	100.8	6.823	.8195	6.791	.8156	6.640	.7975
6-B-----	100.5	6.801	.8169	6.768	.8129	6.618	.7949
12-A-----	105.0	6.820	.8192	6.789	.8154	6.645	.7981
13-A-----	102.7	6.740	.8095	6.710	.8059	6.572	.7893
17-----	100.05	6.795	.8161	6.762	.8121	6.611	.7940
18-----	195.4	7.802	.9369	7.785	.9349	7.708	.9256
19-----	197.9	6.468	.7769	6.452	.7749	6.375	.7657
20-----	104.9	7.062	.8481	7.030	.8443	6.886	.8270
22-----	109.5	7.037	.8451	7.007	.8415	6.868	.8249
23-A-----	109.9	6.788	.8153	6.758	.8117	6.621	.7952
23-F-----	101.5	6.808	.8177	6.776	.8138	6.627	.7959
23-H-----	109.45	6.785	.8149	6.755	.8113	6.617	.7947
25-----	100.9	7.080	.8502	7.047	.8463	6.897	.8283
25-1-----	100.9	7.083	.8506	7.050	.8467	6.900	.8287
25-A-----	102.5	7.119	.8550	7.087	.8511	6.939	.8334
25-A ¹ -----	102.5	7.117	.8548	7.085	.8509	6.938	.8332
27-----	104.7	6.846	.8222	6.814	.8184	6.670	.8011
27-A-----	105.2	6.867	.8247	6.835	.8209	6.692	.8037
27-B-----	112.0	7.027	.8439	6.998	.8404	6.862	.8241
28-A-----	101.0	6.786	.8150	6.753	.8111	6.603	.7931
28-----	101.0	6.822	.8194	6.790	.8155	6.640	.7975
30-----	110.0	6.785	.8149	6.755	.8113	6.617	.7948
31-A-----	111.5	7.167	.8608	7.138	.8572	7.002	.8409
32-----	104.8	6.863	.8190	6.837	.8152	6.693	.7919
33-----	102.9	6.893	.8279	6.861	.8240	6.714	.8064
35-----	135.0	6.956	.8355	6.933	.8326	6.820	.8191
35-A ² -----	105.0	6.817	.8187	6.785	.8149	6.641	.7976
37-----	102.7	6.837	.8211	6.804	.8172	6.657	.7995
37-----	100.9	6.794	.8160	6.762	.8121	6.612	.7941
38-B-----	101.3	6.804	.8172	6.772	.8133	6.622	.7953
38-C-----	102.6	6.832	.8206	6.800	.8167	6.652	.7990
38-D-----	102.7	6.863	.8242	6.830	.8203	6.682	.8026
38-F-----	100.9	6.828	.8201	6.796	.8162	6.646	.7982
39-----	102.0	6.867	.8247	6.834	.8208	6.686	.8030
39-A-----	100.5	6.810	.8179	6.777	.8139	6.627	.7959
39-B-----	102.7	6.857	.8236	6.825	.8197	6.677	.8020
39-C-----	101.0	6.819	.8189	6.792	.8157	6.642	.7977
39-D-----	101.3	6.819	.8190	6.787	.8151	6.637	.7971
40-----	100.1	6.795	.8161	6.762	.8121	6.611	.7940
40-A-----	100.5	6.815	.8185	6.782	.8145	6.632	.7965
42-----	100.0	6.797	.8164	6.764	.8124	6.613	.7943
44-----	110.0	6.790	.8155	6.760	.8119	6.622	.7954
45-----	129.8	7.545	.9061	7.520	.9030	7.403	.8890
46-----	100.1	6.805	.8173	6.772	.8133	6.621	.7952

¹ With sodium iodide.

² Calculated on the basis of 85 percent ethyl acetate.

[F. R. Doc. 57-1639; Filed, Mar. 4, 1957; 8:50 a. m.]

TITLE 32A—NATIONAL DEFENSE, APPENDIX

Chapter I—Office of Defense Mobilization

[Defense Mobilization Order VII-6 Supp. 15]

DMO VII-6—EXPANSION GOALS

TRANSFER OF CERTAIN GOALS FROM OPEN TO CLOSED LIST

1. Defense Mobilization Order VII-6, dated December 3, 1953 (18 F. R. 7876) is supplemented as follows:

The following expansion goals are hereby transferred from List III, Open to List I, Closed:

No. 43—3

Goal No.	Title	Delegate agency
20	Chromite, Chemical Grade-----	Interior.
176	Scientific Instruments-----	Commerce.
178	Selenium-----	Interior.
187	Manganese Ore, Battery and Chemical Grades.	Do.
198	Medical Supplies and Equipment.	Commerce.
225	Power Facilities for Military, Atomic Energy and Defense Related Needs.	Interior.

2. This supplement shall be effective on February 28, 1957.

OFFICE OF DEFENSE
MOBILIZATION,
ARTHUR S. FLEMING,
Director.

[F. R. Doc. 57-1635; Filed, Mar. 4, 1957; 8:49 a. m.]

[Defense Mobilization Order VII-6, Amdt. 1 to Supp. 3]

DMO VII-6, SUPP. 3—EXPANSION GOALS FOR TAX AMORTIZATION

OIL AND GAS PIPELINES AND PETROLEUM STORAGE FACILITIES

1. Expansion Goal No. 226, dated September 29, 1955 (20 F. R. 7370) is hereby amended to read as follows:

Expansion Goal No. 226, Oil and Gas Pipelines and Petroleum Storage Facilities (Specific Defense Programs) is hereby established for the following purposes:

a. Oil and gas pipelines used solely to supply military installations or AEC projects.

b. Petroleum storage facilities erected solely for military use;

c. Petroleum pipelines and/or petroleum storage facilities which are strategically located and needed to fill a special wartime requirement approved by the Office of Defense Mobilization.

2. This amendment shall take effect immediately.

Dated: February 28, 1957.

OFFICE OF DEFENSE
MOBILIZATION,
ARTHUR S. FLEMING,
Director.

[F. R. Doc. 57-1634; Filed, Mar. 4, 1957; 8:49 a. m.]

NOTICES

DEPARTMENT OF THE TREASURY

Bureau of Customs

[474.83]

CLOTH PIN CUSHIONS DECORATED WITH PARTS OF ARTIFICIAL FLOWERS

NOTICE OF PROSPECTIVE CLASSIFICATION

FEBRUARY 27, 1957.

It appears that certain cloth pin cushions decorated with parts of artificial flowers are properly classifiable according to component material of chief value, for example, if in chief value of cotton plush, under paragraph 909, Tariff Act of 1930, as modified, at the rate of 25 percent ad valorem, if in chief value of wool pile fabric under paragraph 1110, as modified, at the rate of 33 cents per pound and 25 percent ad valorem, if in chief value of rayon pile fabric, other than rayon pile ribbon, under paragraph 1307, as modified, at the rate of 15 cents per pound and 25 percent ad valorem, and so forth.

Pursuant to § 16.10a (d) of the Customs Regulations (19 CFR 16.10a (d)), notice is hereby given that the existing practice of classifying cloth pin cushions decorated with parts of artificial flowers under paragraph 1529 (a), as modified, as articles in chief value of yarns, threads, or filaments and in part of ornaments, dutiable at the rate of 45 percent ad valorem, is under review in the Bureau of Customs.

Consideration will be given to any relevant data, views, or arguments pertaining to the correct classification of this merchandise which are submitted to the Bureau of Customs, Washington, D. C., in writing. To assure consideration, such communications must be received in the Bureau not later than 30 days from the date of publication of this notice. No hearings will be held.

[SEAL] C. A. EMERICK,
Acting Commissioner of Customs.

[F. R. Doc. 57-1637; Filed, Mar. 4, 1957;
8:49 a. m.]

[TG 433.7]

BICYCLES, COMPLETE WITHOUT ACCESSORIES, AND ACCOMPANYING ARTICLES

TARIFF CLASSIFICATION

FEBRUARY 28, 1957.

On April 26, 1956, there was published in the FEDERAL REGISTER (81 F. R. 2695) an announcement that a correct interpretation of paragraph 371, Tariff Act of 1930, as modified, required certain modifications in the established and uniform practice.

After a thorough consideration of all submissions received as a result of that announcement, including oral representations, the Bureau by a letter addressed to the collector of customs at New York, New York, has ruled that a bicycle "complete without accessories" within the meaning of paragraph 371, as modified, consists of not more than the following:

- The mud guards and chain guards.
- The frame and fork.
- The handle bar and handle bar grips.
- The sprocket, chain, cranks and pedals.
- The front and rear wheels, including the rims, hubs, axles, and spokes.
- The tires and tubes.
- The brakes, hand or foot.
- Dynamo mechanisms incorporated in hubs.
- An assembly consisting of a dynamo mechanism incorporated in the wheel hub, and the related lamp, brackets, and wiring.
- Gear shift mechanisms.
- The saddle or seat and seat post.
- All fittings, bearings, nuts, bolts, washers, and other articles essential to the assembly of the foregoing.

The following articles whether attached at the time of importation or imported in the same shipment for subsequent attachment in the assembly of the bicycle, are comprised within the bicycle entirety, although they are not included in determining the weight of the bicycle "complete without accessories." Such articles are classifiable as a component of the imported bicycle entirety and are subject to the rate applicable to the bicycles "complete without accessories" with which they are imported attached or unattached, provided the articles are to be sold at retail as a component of the bicycle entirety and are not to be sold or distributed separately:

Lamps and lighting sets (other than lamps and lighting sets forming a part of an assembly including a dynamo mechanism

incorporated in the wheel hub referred to above) and reflectors.
Bells and horns.
Tool kits and the included tools.
Pumps.
Luggage carriers.
Mirrors, cyclometers and speedometers.
Kickstands or other stands.
Tanks.
Mud flaps.
Toe clips.

In any case in which this ruling will result in the assessment of a higher rate of duty than has been heretofore assessed under an established and uniform practice, it shall only be applied to such or similar merchandise entered, or withdrawn from warehouse, for consumption after 90 days after the date of publication of an abstract of this decision in the weekly Treasury Decisions.

[SEAL] C. A. EMERICK,
Acting Commissioner of Customs.

[F. R. Doc. 57-1661, Filed, Mar. 1, 1957;
12:30 p. m.]

Fiscal Service, Bureau of Accounts

[Dept. Circ. 570, Rev. Apr. 20, 1943, 1957.
Supp. 161]

AMERICAN INSURANCE CO.

SURETY COMPANIES ACCEPTABLE ON FEDERAL BONDS

FEBRUARY 28, 1957.

A Certificate of Authority has been issued by the Secretary of the Treasury to the following company under the act of Congress approved July 30, 1947, 6 U. S. C. secs. 6-13, as an acceptable surety on Federal bonds. An underwriting limitation of \$8,115,000.00 has been established for the company. Further details as to the extent and localities with respect to which the company is acceptable as surety on Federal bonds will appear in the next issue of Treasury Department Form 356, copies of which, when issued, may be obtained from the Treasury Department, Bureau of Accounts, Surety Bonds Branch, Washington 25, D. C.

Name of company, location of principal executive office and State in which incorporated: The American Insurance Company, Newark, New Jersey.

[SEAL] W. RANDOLPH BURGESS,
Acting Secretary of the Treasury.

[F. R. Doc. 57-1638; Filed, Mar. 4, 1957;
8:50 a. m.]

DEPARTMENT OF DEFENSE

Department of the Army

JOHN S. PFEL

STATEMENT OF CHANGES IN FINANCIAL INTERESTS

In accordance with the requirements of section 710 (b) of the Defense Production Act of 1950, as amended, and Executive Order No. 10647 of November 28, 1955, the following changes have taken place as of February 20, 1957 in my financial interests as reported in the FEDERAL REGISTER, September 15, 1956.

A. Deletions: M. Lowenstein & Sons, Texas Gas Transmission, Craftsman Insurance Co., Guaranty Trust Co.

B. Additions: Newton-Waltham Bank & Trust Co., Norfolk County Trust Co.

Dated: February 20, 1957.

JOHN S. PFEL.

[F. R. Doc. 57-1614; Filed, Mar. 4, 1957;
8:45 a. m.]

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

[73156]

MINNESOTA

NOTICE OF FILING OF PLATS OF SURVEY AND ORDER PROVIDING FOR OPENING OF PUBLIC LAND

FEBRUARY 27, 1957.

Plats of survey of islands in Island Lake and Johnson Lake, described below, accepted January 26, 1956, will be officially filed in the Eastern States Land Office, Washington 25, D. C., effective at 10:00 a. m., on April 15, 1957:

FOURTH PRINCIPAL MERIDIAN, MINNESOTA

T. 49 N., R. 22 W.,
Sec. 18, Lot 8, containing 0.34 acres.
T. 68 N., R. 18 W.,
Sec. 26, Lot 6, containing 0.29 acres;
Sec. 35, Lot 7, containing 8.69 acres;
Sec. 35, Lot 8, containing 3.41 acres.

These surveys were made as an administrative measure to provide legal designation and area for islands omitted in the original surveys.

All of T. 68 N., R. 18 W., was withdrawn by the Act of July 10, 1930, Public Law 539, for protection of lands and water.

No application for the land may be allowed under the homestead or small tract or any other nonmineral public land laws unless the land has been classified as valuable or suitable for each type of application or shall be so classified upon consideration of an application.

At the hour specified on the above-mentioned effective date, the land shall become subject to application, petition, location or selection, under applicable laws, subject to valid existing rights, the provisions of existing withdrawals and the 91 day preference right filing period for veterans and others entitled to preference under the act of September 27, 1944 (53 Stat. 717; 43 U. S. C. 279-284) as amended.

All inquiries relating to the land should be addressed to the Acting Manager, Eastern States Land Office, Bureau of Land Management, Department of the Interior, Washington 25, D. C.

H. K. SCHOLL,
Acting Manager.

[F. R. Doc. 57-1617; Filed, Mar. 4, 1957;
8:45 a. m.]

DEPARTMENT OF AGRICULTURE

Agricultural Marketing Service

FARMER & RANCHER COMMISSION CO. ET AL.

PROPOSED POSTING OF STOCKYARDS

The Director of the Livestock Division, Agricultural Marketing Service, United

States Department of Agriculture, has information that the livestock markets named below are stockyards as defined in section 302 of the Packers and Stockyards Act, 1921, as amended (7 U. S. C. 202), and should be made subject to the provisions of the act.

Farmer & Rancher Commission Co., Fort Collins, Colo.
 Fort Collins Sales Yard, Fort Collins, Colo.
 Anamosa Livestock Auction, Anamosa, Iowa.
 Belle Plaine Sales Barn, Belle Plaine, Iowa.
 Central City Sales Co., Central City, Iowa.
 Colfax Sales Co., Colfax, Iowa.
 Lake City Sales Pavilion, Lake City, Iowa.
 Bastrop Livestock Auction, Bastrop, La.
 Clark Livestock Commission Co., Benton, La.
 Red River Livestock Auction, Inc., Coushatta, La.
 Farmer and Stockman Auction, Inc., Clarence, La.
 Delhi Livestock Auction, Delhi, La.
 Grand Cane Livestock Commission Co., Grand Cane, La.
 Homer Livestock Auction, Homer, La.
 Calhoun Livestock Commission Market, Mansfield, La.
 West Monroe Livestock Auction, Inc., West Monroe, La.
 Austin Stockyards Corp., Austin, Tex.
 Capital Livestock Auction Co., Austin, Tex.
 The Heart of Texas Commission Co., Brady, Tex.
 Grabow's Livestock Commission Co., Brenham, Tex.
 Columbus Livestock Commission Co., Columbus, Tex.
 Flatonia Livestock Commission Co., Flatonia, Tex.
 Lexington Livestock Commission, Lexington, Tex.
 Lockhart Livestock Auction Co. Lockhart, Tex.
 Mason Auction Company, Inc., Mason, Tex.
 Menard County Commission Co., Menard, Tex.
 Producers Livestock Auction Co., San Angelo, Tex.
 San Angelo Livestock Auction Co., San Angelo, Tex.
 Farmers Livestock Exchange, Schulenburg, Tex.

Notice is hereby given, therefore, that the said Director, pursuant to authority delegated under the Packers and Stockyards Act, 1921, as amended (7 U. S. C. 181 et seq.), proposes to issue a rule designating the stockyards named above as posted stockyards subject to the provisions of the act, as provided in section 302 thereof.

Any person who wishes to submit written data, views, or arguments concerning the proposed rule may do so by filing them with the Director, Livestock Division, Agricultural Marketing Service, United States Department of Agriculture, Washington 25, D. C., within 15 days after publication hereof in the *FEDERAL REGISTER*.

Done at Washington, D. C., this 27th day of February, 1957.

[SEAL] DAVID M. PETTUS,
Acting Director, Livestock Division, Agricultural Marketing Service.

[F. R. Doc. 57-1636; Filed, Mar. 4, 1957; 8:49 a.m.]

DEPARTMENT OF COMMERCE

Bureau of Foreign Commerce

[Case 224]

K. BURGI-TOBLER & Co. ET AL.

ORDER DENYING EXPORT PRIVILEGES

In the matter of a compliance proceeding against K. Burgi-Tobler & Co., Karl Burgi-Tobler, Anna Burgi-Tobler, 69 Stampfenbachstrasse, Zurich, Switzerland; Baird Chemical Corporation, 254 W. 31st Street, New York 1, New York; respondents; Case No. 224.

The respondents, K. Burgi-Tobler & Co. and its owners, Karl Burgi-Tobler and Anna Burgi-Tobler (hereafter Burgi-Tobler), and Baird Chemical Corporation (hereafter Baird) being charged by the Director of the Investigation Staff, Bureau of Foreign Commerce, with violations of the Export Control Act of 1949, as amended, and the regulations promulgated thereunder, duly appeared in this proceeding and were represented by counsel and, after admitting the facts as set forth in the charging letters, submitted proposals that a consent order be entered against them as hereinafter set forth; and the Agent-in-Charge, Investigation Staff, having agreed to the same; and upon my having duly considered the evidence in support of the charges and all evidence and data submitted by the respondents in mitigation thereof, and the consent proposals, I hereby make the following findings of fact and, based thereon, the following conclusions of law, with respect to:

A. BURGI-TOBLER

FINDINGS OF FACT

1. At all times hereinafter mentioned, Burgi-Tobler was and still is, engaged in the import and export business in Zurich, Switzerland, and participated in the transactions set forth hereinbelow.

2. Burgi-Tobler purchased from another Swiss company 270 drums (93 metric tons) of caustic soda. Burgi-Tobler then knew that this commodity which it had purchased was being exported from the United States on a bill of lading, dated January 24, 1952, and further knew from said bill of lading that the caustic soda had been licensed by the United States for a West German firm as the ultimate consignee and for ultimate destination West Germany, and that its diversion from West Germany was contrary to United States law. Nevertheless, Burgi-Tobler then knowingly authorized, arranged and effected the transshipment and diversion in February 1952 of said caustic soda from Rotterdam to East Germany, a Soviet bloc destination, without the required knowledge and authorization of the United States Government.¹

3. Burgi-Tobler received three letters by registered mail from three separate United States export companies, which letters were dated in July 1952, September 1952, and January 1953. These letters, which were sent at the instance of the Bureau of Foreign Commerce, specifically informed Burgi-Tobler that the United States Export Regulations prohibited any foreign party from reexporting, diverting, or transshipping any United States commodities to Soviet bloc destinations, Hong Kong, or Macao, whether they were exported from the United States pursuant to specific validated license or under general license, unless and until specific prior approval was obtained from the Bureau of Foreign Commerce.

4. Notwithstanding the aforesaid specific notification contained in the July 1952 letter, and the specific destination control notice contained on the United States ocean bill of lading that the commodity was licensed by the United States for ultimate destination Switzerland and that its diversion contrary to United States law was prohibited, Burgi-Tobler, without United States knowledge and authorization, knowingly effected the transshipment to a Soviet bloc destination of 250 kilos of pentobarbital sodium priced at \$5,125 which was exported to it under general license GRO from the United States in August 1952.

5. In April 1953, Burgi-Tobler submitted to a United States exporter an order to purchase 10 kilograms of bacto-agar, together with a Swiss Government import certificate which certified that Burgi-Tobler had pledged itself to import the commodity into the Swiss customs territory and that any reexportation of the commodity from Switzerland was prohibited. Based thereon, the Bureau of Foreign Commerce issued a validated license authorizing the exportation from the United States of this commodity to Burgi-Tobler as the ultimate consignee, with Switzerland as the country of ultimate destination. This commodity, together with another general license commodity, was exported from the United States in June 1953 under a bill of lading which notified Burgi-Tobler that these commodities were licensed by the United States for ultimate destination Switzerland and that their diversion contrary to United States law was prohibited. Upon the arrival of such commodities at a European port, Burgi-Tobler, without the required notice to and authorization of the United States (and the Swiss Government as to the bacto-agar), knowingly effected their transshipment to a Soviet bloc destination.

6. Notwithstanding its knowledge of the United States Export Regulations referred to in Finding 3 hereinabove, Burgi-Tobler also effected the unlawful transshipment to a Soviet bloc destination of 25 kilograms of calcium fluoride crystals, valued at \$9,000, exported under general license GRO from the United States to Burgi-Tobler in October 1953 and January 1954.

7. Notwithstanding the aforesaid notifications concerning the United States Export Regulations referred to in Finding 3 hereinabove, and an additional notification which Burgi-Tobler received in November 1954 from another United

¹See Order Denying Export Privileges issued against the West German firm, (21 F. R. 5944) August 8, 1956.

States Exporter that a specific United States export license was required before paraffin wax could be lawfully exported from the United States to Poland and Communist China, Burgi-Tobler knowingly and without said authorization effected the unlawful transshipment from Rotterdam to a Soviet bloc destination, Poland, for ultimate shipment to Communist China, of two shipments of paraffin wax, totaling 150 tons, and priced at \$37,300, which were exported to it from the United States under general license GRO in December 1954 and January 1955.

8. Burgi-Tobler purchased the 150 metric tons of paraffin wax and an additional 225 tons from respondent Baird. Burgi-Tobler at all times intended to transship the 225 tons of paraffin wax, similar to the prior two shipments, upon their arrival at Rotterdam to a Soviet bloc destination, to fill Burgi-Tobler's contract of sale with its Communist Chinese purchaser.

9. The 225 tons of paraffin wax were loaded on board a vessel which left San Francisco on February 3, 1955. Before the arrival of the vessel in New York City en route to Rotterdam, the Bureau of Foreign Commerce ascertained that the commodity was destined for the unauthorized Soviet bloc destination. In lieu of ordering the unloading of the paraffin wax at New York because of hardship to the carrier, the Bureau of Foreign Commerce, under § 379.11 of the Export Regulations (15 CFR 379.11), ordered the carrier to return said commodity to the United States from Rotterdam, and, upon its return to the United States, the paraffin wax was duly seized by the Collector of Customs and a libel of information was filed in the Eastern District of New York. Burgi-Tobler appeared as the owner-claimant of the paraffin wax in the seizure action. As part of the overall consent proposal made by Burgi-Tobler in this case, the seizure action was settled with Burgi-Tobler's receiving \$15,000 out of the proceeds held by the court from the sale by the United States of the paraffin wax. Since Burgi-Tobler had paid its United States supplier, Baird, \$56,250 for the 225 tons of paraffin wax C&F Rotterdam, Burgi-Tobler suffered a loss of \$41,250 with respect to this United States seizure of the shipment of paraffin wax, not including legal fees paid to its attorneys in the United States in connection with said court action.

10. On February 21, 1955, the Bureau of Foreign Commerce issued an Order temporarily denying to Burgi-Tobler, and to all parties related to it, all privileges of participating, directly or indirectly, in any manner, form or capacity, in an exportation of any commodity from the United States to any foreign destination. The Order, effective that date, was to remain in effect until the termination of administrative compliance proceedings then being prepared by the Bureau of Foreign Commerce against Burgi-Tobler. The order specifically denied to Burgi-Tobler among other privileges those of receiving, ordering, buying and selling, United States commodities, as well as their financing and

transporting. A copy of the Denial Order was duly delivered to Burgi-Tobler in Switzerland on or about March 7, 1955, and was published in 20 F. R. p. 1188, February 25, 1955.

11. In January 1955, Burgi-Tobler had entered into negotiations with a United States exporter for the sale to Burgi-Tobler of specific culture media. Nevertheless, despite its knowledge of the Denial Order, Burgi-Tobler, on March 21, 1955, placed an order with the United States exporter for the culture media. Burgi-Tobler, at the same time, requested the exporter to consign the goods to a forwarding agent in Antwerp, Belgium, and to send to Burgi-Tobler the original bills of lading, but to invoice another specifically named Swiss company for sale of the goods.

12. The United States exporter then received a letter, dated April 7, 1955, purportedly from the other Swiss company, ordering the same culture media, upon the same terms and conditions as contained in the prior Burgi-Tobler order, with the exception that the original bills of lading were to be transmitted to this other Swiss company. The exporter also later received a letter, dated May 25, 1955, purportedly from this other Swiss company, requesting prompt delivery of the goods.

13. In fact, the two letters of April 7 and May 25, 1955, were prepared and signed with fictitious names by Burgi-Tobler, without the alleged knowledge or consent of the other Swiss firm, on stationery of the other Swiss firm entrusted by it to Burgi-Tobler for other purposes. Burgi-Tobler, knowing that it had been denied United States export privileges, admittedly used the name and stationery of the other Swiss firm in an attempt to obtain the culture media in circumvention of the aforesaid Denial Order of the Bureau of Foreign Commerce.

14. The culture media were exported from the United States under general license GRO on June 2, 1955, under export control documents which did not disclose the name of Burgi-Tobler. The Bureau of Foreign Commerce, acting on information that the goods, unless stopped, would reach Burgi-Tobler in violation of the Denial Order, ordered the export carrier to return them to the United States pursuant to § 379.11 of the Export Regulations (15 CFR 379.11), and, upon their arrival in New York, the goods, for which Burgi-Tobler had paid over \$1800, were duly seized by the Collector of Customs.²

CONCLUSIONS

1. Burgi-Tobler knowingly concealed material facts, and caused false statements to be made on export control documents, in violation of the Export Regulations then in effect.

2. Burgi-Tobler knowingly disposed of, diverted, transshipped and reexported United States commodities to unauthorized Soviet bloc destinations, and caused and attempted to do such acts, without

the required authorization, contrary to the terms of export control documents, and contrary to notifications of prohibitions against such actions, in violation of the Export Regulations then in effect.

3. Burgi-Tobler bought and sold commodities exported from the United States, knowing that with respect thereto, violations of the United States Export Control Law were about to and were intended to occur, in violation of the Export Regulations then in effect.

4. Burgi-Tobler knowingly participated, directly and indirectly, in an exportation of commodities from the United States, including the obtaining and using of export control documents, and the ordering, buying, financing, and transporting of such commodities, in violation of the Order Temporarily Denying Export Privileges to Burgi-Tobler, dated February 21, 1955, duly issued by the Bureau of Foreign Commerce pursuant to Part 382 of the Export Regulations.

5. Burgi-Tobler knowingly caused, procured and permitted the doing of acts prohibited by the said Order Temporarily Denying Export Privileges, and bought, transported, and financed an exportation from the United States knowing that with respect to such exportation, violations of the said Order Temporarily Denying Export Privileges had occurred, and were about to and were intended to occur, and knowingly acted in an attempt to bring about violations of said order, to wit, the receipt, sale, use, and disposal in a foreign country of commodities exported from the United States, in violation of the Export Regulations then in effect.

In addition, I hereby make the following findings of fact and, based thereon, the following conclusions of law, with respect to:

B. BAIRD

FINDINGS OF FACT

1. Baird Chemical Corporation is, and was at the time of these occurrences, an experienced exporter of commodities from the United States, and was familiar with the Bureau of Foreign Commerce Export Regulations.

2. Baird, which was at the time engaged in other export transactions with Burgi-Tobler, received a letter from Burgi-Tobler, dated November 16, 1954, written in German, which referred to another commodity, paraffin wax. In its letter, Burgi-Tobler advised Baird that it had discussed with a Baird representative then in Europe a transaction involving paraffin wax and that Burgi-Tobler was then holding an offer for the sale of such commodity from another named New York exporter. After telling Baird that its representative believed that Baird would not be in a position to submit a more favorably priced quotation, Burgi-Tobler stated in its letter (translated from the German):

For some time since then, we have corresponded and cabled with the named firm relative to this transaction, and after we have now been enabled to book a firm order from our customer for 150 tons, the firm [other named New York exporter] demands now, all of a sudden, statements regarding

² See Export Denial Order issued against the United States exporter for its participation in this transaction (21 F. R. 6305) August 22, 1956.

the country of ultimate destination, although in the beginning nothing was said about this in the offers of the named firm. On the contrary, it was declared to us that the merchandise would be supplied without export license.

We are not in a position nor willing to make known the final destination and would, therefore, suggest to you that this transaction be consummated by you.

3. Burgi-Tobler did not inform Baird that the other named United States exporter had asked Burgi-Tobler for the country of ultimate destination of the paraffin wax, that Burgi-Tobler had replied that it was Poland, and that Burgi-Tobler had ceased its negotiations with the other exporter when the latter notified Burgi-Tobler that such export for Poland required a validated United States export license, as well as a representation from Burgi-Tobler that the goods were not for Communist China.

4. Upon its receipt of Burgi-Tobler's letter of November 16, 1954, Baird commenced negotiations with Burgi-Tobler concerning the export sale of paraffin wax, without therein at any time asking Burgi-Tobler any questions concerning the destination of the commodity or making to Burgi-Tobler any references concerning United States export licenses or the restrictions upon onshipment contained in the United States Export Regulations. Baird also did not communicate with the other identified United States exporter.

5. These negotiations culminated in Baird's sale and shipment of 150 tons of paraffin wax to Burgi-Tobler, which, upon arrival at a European port, were reshipped by Burgi-Tobler to a Soviet bloc destination for its Communist Chinese customer. Baird also sold to Burgi-Tobler an additional 225 tons of paraffin wax, which shipment, while en route, was stopped and seized by the United States Government.

6. In effecting each of these shipments of paraffin wax, Baird caused to be prepared, and to be authenticated by the Collector of Customs, shipper's export declarations in which Baird, without having any reasonable basis for such belief, represented and certified that the country of ultimate destination was Switzerland, and that such shipments were exportable under general license GRO.

7. Baird's failure, in light of the statements contained in Burgi-Tobler's letter of November 16, 1954, to inquire further of Burgi-Tobler as to the ultimate destination of the paraffin wax in order to ascertain whether such destination was one which required a validated export license, and to prepare properly its shipper's export declarations, was such negligence as to constitute a knowing disregard of the Export Regulations.

CONCLUSIONS

1. Baird knowingly made false and misleading representations and certifications in shipper's export declarations, which are export control documents, in violation of § 381.5 of the Export Regulations (15 CFR 381.5).

2. Baird knowingly caused and permitted the diversion and transshipment of commodities to unauthorized destina-

tions contrary to the Export Control Law and the regulations issued thereunder, in violation of §§ 381.2 and 381.6 of the Export Regulations (15 CFR 381.2 and 381.6).

In considering the reasonableness of the consent order proposed for Burgi-Tobler, I have taken into consideration, among other things, the fact that it already has been denied by a prior temporary Order all United States export privileges since February 21, 1955, to date, that Burgi-Tobler suffered a considerable financial loss as a result of the United States seizure of the paraffin wax shipment, and certain other mitigating circumstances presented on behalf of Burgi-Tobler, and I have thereupon decided to accept such consent proposal. The Order issued this day supersedes the temporary suspension Order of February 21, 1955.

I have also accepted the consent proposal applicable to Baird. In so doing, I have considered as mitigation of the violation, among other factors, that Baird's failure to act in this instance was the result of its negligent attention to information in its possession rather than wilful conduct; that this is a case of first impression in which a United States exporter has been held for having failed to question its foreign customer, located in a country to which general license shipments could be made directly, as to the country of ultimate destination, when transshipment, reexportation or diversion from the customer's country was indicated to the exporter; and that Baird has had the practice of making such inquiries of its customers since February 1955 when such requirement was specifically brought to its attention.

Accordingly, being of the opinion that the proposed orders are fair and necessary to achieve effective enforcement of the law: *It is hereby ordered:*

I. The respondents, for the following periods of time, are hereby denied all privileges of participating, directly or indirectly, in any manner or capacity, in an exportation of any commodity or technical data from the United States to any foreign destination, including Canada, whether such exportation has heretofore or hereafter been completed:

K. Burgi-Tobler & Co., Karl Burgi-Tobler, Anna Burgi-Tobler—henceforth and for a period of thirty-two months or for the duration of export controls, whichever occurs sooner, except as qualified in Part III hereof;

Baird Chemical Corporation—for three months, not to be effective except as provided in Part IV hereof.

Without limitation of the generality of the foregoing denial of export privileges, participation in an exportation is deemed to include and prohibit participation by any of the respondents, directly or indirectly, in any manner or capacity, (a) as a party or as a representative of a party to any validated export license application, (b) in the preparation or filing any export license application or document to be submitted therewith, (c) in the obtaining or using of any validated or general export license or other export control documents, (d) in the receiving, ordering, buying, selling, delivering, using, or disposing in any for-

eign country of any commodities in whole or in part exported or to be exported from the United States, and (e) in financing, forwarding, transporting, or other servicing of such exports from the United States.

II. Such denials of export privileges shall extend not only to the respondents and to each of them, but also to any person, firm, corporation, or business organization with which they or any of them may be now or hereafter related by ownership, control, position of responsibility, or other connection in the conduct of trade in which may be involved exports from the United States or services connected therewith.

III. The respondents K. Burgi-Tobler & Co., Karl Burgi-Tobler, and Anna Burgi-Tobler, without further order of the Bureau of Foreign Commerce, shall, if export controls are still in effect, have their export privileges restored to them thirty-two (32) months from the date of this order, provided and upon condition that said respondents and related persons and companies have not knowingly during said thirty-two month period violated the terms of this order or the Export Control laws or the regulations or orders issued thereunder.

In the event that the said Burgi-Tobler respondents, or any one of them, or any person or company related to them shall knowingly violate the terms and provisions of this order or the Export Control laws, regulations or orders during the first thirty-two month period, or shall knowingly violate the Export Control laws, regulations or orders thereafter so long as export controls shall be in effect, the Director, Office of Export Supply, or such other official as may at that time be exercising his duties, may, summarily and without prior notice, at such time as he shall determine that such violation has occurred, issue a supplemental order denying for the duration of export controls all export privileges to any such guilty respondent and to the persons and companies related to it, and revoke and cancel all validated export licenses then outstanding to which such person or firm may be a party, without thereby limiting the Bureau of Foreign Commerce from taking such other and further action based on such violation as it shall deem warranted. In the event that such supplemental order is issued, the respondents and related parties shall have the right to hearing and appeal therefrom, as provided in the Export Regulations.

IV. By reason of mitigating circumstances, the denial of export privileges to Baird Chemical Corporation, as set forth in Part I hereof, shall not take effect and shall be suspended entirely for a period of six months from the date hereof, upon condition that, during the said six month period Baird and any related persons and companies have not knowingly violated the Export Control laws, or the regulations or orders issued thereunder. In the event of such violation, the Director, Office of Export Supply, may summarily and without prior notice, at such time as he shall determine that such violation has occurred, issue a supplemental order which may deny to

said respondent and related persons and companies all export privileges for the three month period which has been held in abeyance, and revoke all validated export licenses to which said respondent and related persons and companies may be a party, without thereby limiting the Bureau of Foreign Commerce from taking such other and further action based on such violation as it shall deem warranted. In the event that such supplemental order is issued, the respondent and related parties shall have the right to hearing and appeal therefrom, as provided in the Export Regulations.

V. No person, firm, corporation, or other business organization, whether in the United States or elsewhere, during any time when any respondent or related party is prohibited under the terms hereof from engaging in any activity within the scope of Part I hereof, shall, without prior disclosure to, and specific authorization from, the Bureau of Foreign Commerce, directly or indirectly, in any manner or capacity, (a) apply for, obtain or use any export license, shipper's export declaration, bill of lading, or other export control document relating to any such prohibited activity, (b) order, receive, buy, sell, deliver, use, dispose of, finance, transport, forward, or otherwise service or participate in, any exportation from the United States, on behalf of or in any association with such respondent or related party, or (c) do any of the foregoing acts with respect to any exportation in which such respondent or related party may have any interest or obtain any benefit of any kind or nature, direct or indirect.

Dated: March 1, 1957.

JOHN C. BORTON,
Director,
Office of Export Supply.

[F. R. Doc. 57-1630; Filed, Mar. 4, 1957;
8:49 a. m.]

Office of the Secretary

WALLACE E. CARROLL

REPORT OF APPOINTMENT AND STATEMENT OF FINANCIAL INTERESTS

Report of appointment and statement of financial interests required by section 710 (b) (6) of the Defense Production Act of 1950, as amended.

Report of Appointment

1. Name of appointee: Mr. Wallace E. Carroll.
2. Employing agency: Department of Commerce, Business and Defense Services Administration.
3. Date of appointment: February 18, 1957.
4. Title of position: Consultant.
5. Name of private employer: American Gage & Machine Company, Chicago, Illinois.

CARLTON HAYWARD,
Director of Personnel.

FEBRUARY 26, 1957.

Statement of Financial Interests

6. Names of any corporations of which the appointee is an officer or director or within 60 days preceding appointment has been an officer or director, or in which the appointee owns or within 60 days preceding appointment has owned any stocks, bonds, or other financial interests; any partnerships in which the appointee is, or within 60 days preceding appointment was, a partner; and any other businesses in which the appointee owns, or within 60 days preceding appointment has owned, any similar interest.

American Gage and Machine Co.
Alpha-Moly Corp.
G. M. Diehl Machine Co.
Affiliated Screw Products.
Bank deposits.

Dated: February 25, 1957.

WALLACE E. CARROLL.

[F. R. Doc. 57-1640; Filed, Mar. 4, 1957;
8:50 a. m.]

JOHN A. CLAUSSEN

STATEMENT OF CHANGES IN FINANCIAL INTERESTS

In accordance with the requirements of section 710 (b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests as reported in the FEDERAL REGISTER of March 14, 1956, 21 F. R. 1608; August 31, 1956, 21 F. R. 6585.

- A. Deletions: None.
B. Additions: None.

This statement is made as of February 23, 1957.

Dated: February 25, 1957.

JOHN A. CLAUSSEN.

[F. R. Doc. 57-1641; Filed, Mar. 4, 1957;
8:50 a. m.]

JOSEPH P. CROSBY

STATEMENT OF CHANGES IN FINANCIAL INTERESTS

In accordance with the requirements of section 710 (b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests as reported in the FEDERAL REGISTER of March 14, 1956, 21 F. R. 1608 and August 31, 1956 21 F. R. 6585-6.

- A. Deletions: Van Camp Sea Food, Ohio Oil Company.
B. Additions: M. A. Hanna, Massachusetts Turnpike Authority, Kendall Realty.

This statement is made as of February 24, 1957.

Dated: February 25, 1957.

JOSEPH P. CROSBY.

[F. R. Doc. 57-1642; Filed, Mar. 4, 1957;
8:51 a. m.]

RICHARD V. FORD

STATEMENT OF CHANGES IN FINANCIAL INTERESTS

In accordance with the requirements of Section 710 (b) (6) of the Defense Production Act of 1950, as amended, and Executive Order 10647 of November 28, 1955, the following changes have taken place in my financial interests as reported in the FEDERAL REGISTER of September 6, 1956, 21 F. R. 6720.

- A. Deletions: None.
B. Additions: None.

This statement is made as of February 24, 1957.

Dated: February 24, 1957.

RICHARD V. FORD.

[F. R. Doc. 57-1643; Filed, Mar. 4, 1957;
8:51 a. m.]

FEDERAL COMMUNICATIONS COMMISSION

[Docket No. 11735; FCC 57M-160]

NEVADA TELECASTING CORP. (KAKJ)

ORDER SCHEDULING FURTHER PREHEARING CONFERENCE

In the matter of revocation of television construction permit of Nevada Telecasting Corporation (KAKJ), Reno, Nevada; Docket No. 11735.

The Commission having acted on the pleadings which had been pending before it: *It is ordered*, This 26th day of February 1957, that a further prehearing conference is scheduled for Monday, March 11, 1957, at 10:00 a. m., in the offices of the Commission, Washington, D. C.

FEDERAL COMMUNICATIONS
COMMISSION,
[SEAL] MARY JANE MORRIS,
Secretary.

[F. R. Doc. 57-1646; Filed, Mar. 4, 1957;
8:51 a. m.]

[Change List 106]

CANADIAN BROADCAST STATIONS

LIST OF CHANGES, PROPOSED CHANGES AND CORRECTIONS IN ASSIGNMENTS

SEPTEMBER 27, 1956.

Notification under the provisions of part III, section 2 of the North American Regional Broadcasting Agreement.

List of changes, proposed changes and corrections in assignments of Canadian Broadcast Stations modifying appendix containing assignments of Canadian Broadcast Stations (Mimeograph 47214-3) attached to the recommendations of the North American Regional Broadcasting Agreement Engineering Meeting January 30, 1941.

CANADIAN BROADCAST STATIONS

Call letters	Location	Power kw	Antenna	Schedule	Class	Expected date of change or commencement of operation
New.....	Quesnel, B. C.....	570 kilocycles 1 kw.....	DA-2.	U	III	E. I. O. Sept. 15, 1957.
New.....	Wetaskiwin, Alberta.....	740 kilocycles 50 kw.....	DA-1.	U	II	Delete assign.
New.....	Leduc, Alberta.....	50 kw.....	DA-1.	U	II	E. I. O. Sept. 15, 1957.
New.....	Calgary, Alberta.....	910 kilocycles 5 kw.....	DA-1.	U	III	Delete assign.
CJGX.....	Yorkton, Saskatchewan.....	940 kilocycles 10 kw D/1 kw N.....	ND.....	U	II	E. I. O. Sept. 15, 1957.
New.....	Lloydminster, Alberta.....	1150 kilocycles 1 kw.....	DA-2.	U	III	Do.
CKCV.....	Quebec, P. Q.....	1280 kilocycles 5 kw.....	DA-1.	U	III	Do.
New.....	Altona, Manitoba.....	1290 kilocycles 1 kw.....	DA-1.	U	III	Do.
New.....	St. James (Wpg.) Manitoba.....	1410 kilocycles 1 kw.....	DA-1.	U	III	Delete assign.
CJMT.....	Chicoutimi, P. Q.....	1420 kilocycles 5 kw.....	DA-1.	U	III	Do.
New.....	Welland, Ontario.....	1470 kilocycles .5 kw.....	DA.....	D	III	Do.
New.....	Burlington, Ontario.....	1540 kilocycles 1 kw.....	ND.....	D	III	Do.

[SEAL]

FEDERAL COMMUNICATIONS COMMISSION,
MARY JANE MORRIS,
Secretary.

[F. R. Doc. 57-1647; Filed, Mar. 4, 1957; 8:52 a.m.]

FEDERAL POWER COMMISSION

[Docket No. G-9833, etc.]

UNITED STATES SMELTING REFINING AND MINING CO. ET AL.

NOTICE OF APPLICATIONS AND DATE OF HEARING

FEBRUARY 25, 1957.

In the matters of United States Smelting Refining and Mining Company, G-9833; United States Smelting Refining and Mining Company, G-9834; J. M. Huber Corporation, G-10047; Earlsboro Oil & Gas Company, Inc., Operator, G-10123; General American Oil Company of Texas, G-10137; Johnny Mitchell, Trustee, et al., Christie Mitchell and Mitchell Company, Agent, G-10138; Cities Service Production Company, G-10139; Edwin G. Bradley, G-10141; The Atlantic Refining Company, G-10143; General Petroleum Corporation, G-10145; Tide Water Associated Oil Company, G-10146; Skelly Oil Company, G-10147; Gulf Oil Corporation, G-10148; Clark Fuel Producing Company, G-10150; The Shallow Water Refining Company, G-10152; E. H. Adair, d/b/a E. H. Adair Oil Company, G-10154; Placid Oil Company, G-10156; Charles B. Wrightsman, G-10157; Vaughey and Vaughey, G-10159; Pond Fork Oil and Gas Company, G-10162; Gulf Refining Company, G-10164; Gulf Refining Company, G-10165; The Carter Oil Company, G-10166; General Petroleum Corporation, G-10167; Anderson-Prichard Oil Corporation, G-10168; Hollandsworth Oil Company, Frank Hollandsworth and Clarence Keese, G-10169; Tide Water Associated Oil Company, G-10172; Spar-

tan Drilling Company, G-10175; Shell Oil Company, G-10177; Sinclair Oil & Gas Company, G-10179; The Globe Oil & Refining Company, G-10183; W. Earl Rowe et al., G-10185; United States Smelting Refining and Mining Company, G-10191; Monsanto Chemical Company, G-10192; Cities Service Oil Company, G-10193; H. B. Harkins et al., G-10196; Aurora Gasoline Company et al., G-10199; J. Paul Ratliff, Jr., Operator, G-10205; Gem Oil Company, Operator, G-10206; Northern Natural Gas Producing Company, G-10217; Dorsey S. Pierce Gas Company, G-10218; Rhonda Sue Gas Company, G-10219; McCune Gas Company, Holly Nester, Agent, G-10220; C. B. Westfall et al., G-10224; L. L. Robinson, G-10227; Texas Gulf Producing Company, G-10228; Skelly Oil Company, G-10231; Skelly Oil Company, G-10232; Argo Oil Corporation, G-10233; Weldon O. Winsauer, G-10237; H. H. Osborne, G-10238; H. H. Osborne, G-10239; Simon Herold and A. G. Birdwell, G-10240; Trice Production Company, G-10241; Amerada Petroleum Corporation, G-10243; Amerada Petroleum Corporation, G-10244; Fred Whitaker, G-10247; West Virginia Production Company, G-10248; Kassos Gas Company, G-10249; The Atlantic Refining Company, G-10252; Stanolind Oil and Gas Company, G-10254; N. C. Ginther et al., G-10255; Jewell Moore Hankins and Pauline Haffa, G-10256; Texas Pacific Coal and Oil Company, G-10257; Mound Company et al., G-10258; The Atlantic Refining Company, G-10262; Edwin L. Cox, G-10266; Edwin L. Cox, G-10267; H. L. Pernel and Luther Davis, G-10271; Carril Oil, G-10273; R. E. Schiefelbein, E. Horner and G. W. Wheeler, G-10278;

Keith-Hays Gas Company, G-10279; Sohio Petroleum Company, G-10284; Monsanto Chemical Company, G-10286; Monsanto Chemical Company, G-10287; Toler Gas Company, G-10291; The Atlantic Refining Company, G-10292; The Chicago Corporation, G-10294; Gulf Oil Corporation, G-10295; Ashland Oil & Refining Company, G-10296; Northern Natural Gas Producing Company, G-10299; Gulf Oil Corporation, G-10300; William Graham Oil Company, G-10302; The Atlantic Refining Company, G-10306; Eason Oil Company, G-10307; Pipe Line Construction and Drilling Company, G-10309; Lydle and Lowe, G-10310; The Dock Gas Company, G-10311; Moran and Company, G-10313; Post No. 7 Gas Company, Miller, et al., Mosser, et al., G-10315; W. S. Engle Gas Company, Miller, et al., Mosser, et al., G-10316; B. I. Cunningham Oil and Gas Company, G-10317; Shell Oil Company, G-10320; The Carter Oil Company, G-10322; Northern Pump Company, G-10324; Sunray Mid-Continent Oil Company, G-10325; Emby Kaye, G-10498; Leon J. Caine, G-10538.

Take notice that the persons listed below (Applicants) filed in the above-captioned proceedings as hereinafter tabulated separate applications for certificates of public convenience and necessity, pursuant to section 7 (c) of the Natural Gas Act, authorizing each Applicant to render service as hereinafter described, subject to the jurisdiction of the Commission, all as more fully represented in the applications which are on file with the Commission and open for public inspection.

Each Applicant proposes to sell natural gas in interstate commerce from production of certain units, leases, or acreage as tabulated to the purchaser as indicated for resale.

Docket Nos.; Dates Filed; Applicants and Addresses; Sources of Gas; and Purchasers

G-9833; 12-30-55, 4-19-56; United States Smelting Refining and Mining Company, 75 Federal Street, Boston, Mass.; Ignacio (Fruitland-Pictured Cliffs) Field, La Plata County, Colo.; El Paso Natural Gas Company.

G-9834; 12-30-55, 4-19-56; United States Smelting Refining and Mining Company, 75 Federal Street, Boston, Mass.; Ignacio (Dakota-Morrison) Field, La Plata County, Colo.; El Paso Natural Gas Company.

G-10047; 3-5-56, 8-23-56; J. M. Huber Corporation, P. O. Box 831, Borger, Tex.; 640 acre gas unit (#1 Sparks well) and 640 acre Heyen Gas Unit, Greenwood (Sparks) Field, Stanton and Morton Counties, Kans.; Colorado Interstate Gas Company.

G-10123; 3-20-56; Earlsboro Oil & Gas Company, Inc., 2803 First National Building, Oklahoma City, Okla.; Main "A", Kasper "B", Matthiesen "C" and Curby "D" leases, White-rock Field, Noble County, Okla.; Cities Service Gas Company.

G-10137; 3-22-56; General American Oil Company of Texas Meadows Building, Dallas 2, Tex.; 8 percent interest, Harley Lease, NE4, NE4, S24, T2S, R4W, Stephens County, Okla.; Lone Star Gas Company.

G-10138; 3-22-56, 6-19-56; Johnny Mitchell Trustee, et al.; % Christie, Mitchell and Mitchell Company, 12th Floor, Houston Club Building, Houston 2, Tex.; Enke and South Weesatche Fields, Goliad County, Tex.; Texas

¹ Filed by Christie, Mitchell and Mitchell Company as Agent.

Eastern Transmission Corporation, as assignee of Wilcox Trend Gathering System, Inc.

G-10139; 3-22-56, 9-21-56; Cities Service Production Company, Cities Service Building, Bartlesville, Okla.; 25 percent interest in 11 leases, West Delta Area (Offshore), Plaquemines Parish, La.; Tennessee Gas Transmission Company.

G-10141; 3-22-56; Edwin G. Bradley, 420 Union National Bank Building, Wichita, Kans.; Hayward (Gas Unit) No. 1, Greenwood Field, Morton County, Kans.; Colorado Interstate Gas Company.

G-10143; 3-23-56, 10-24-56; The Atlantic Refining Company, P. O. Box 2819, Dallas 1, Tex.; 25 percent interest in 11 leases, West Delta Area (Offshore), Plaquemines Parish, La.; Tennessee Gas Transmission Company.

G-10145; 3-23-56, 4-4-56, 5-31-56; General Petroleum Corporation, 612 South Flower Street, P. O. Box 2122, Terminal Annex, Los Angeles 54, Calif.; Tip Top Unit Area, Sublette County, Wyo.; Pacific Northwest Pipeline Corporation.

G-10146; 3-23-56, 10-8-56; Tidewater Associated Oil Company, P. O. Box 1404, Houston 1, Tex.; 25 percent interest in 11 leases, West Delta Area (Offshore), Plaquemines Parish, La.; Tennessee Gas Transmission Company.

G-10147; 3-23-56; Skelly Oil Company, Box 1650, Tulsa, Okla.; 15 percent interest in Harley lease, Velma Pool, Stephens County, Okla.; Lone Star Gas Company.

G-10148; 3-23-56, 7-19-56, 10-8-56; Gulf Oil Corporation, P. O. Box 1166, Pittsburgh 30, Pa.; Various leases, Rhodes Pool, Barber County, Kans.; Cities Service Gas Company.

G-10150; 3-26-56, 3-30-56; Clark Fuel Producing Company, P. O. Box 473, Mission, Tex.; 100 percent interest in W. L. Hart lease and W. R. Jackson lease and 25 percent interest in J. M. Doss lease; Doss (Cecil) and East Coastal Fields Areas, Hidalgo and Starr Counties, Tex.; Tennessee Gas Transmission Company.

G-10152; 3-26-56; The Shallow Water Refining Company, Ward Parkway Bank Building, Kansas City, Mo.; 25 percent interest in Millard B-1 Unit, approx. 25 percent interest in Weldon #1 Unit, Hugoton Field, Finney County, Kans.; Northern Natural Gas Company.

G-10154; 3-26-56; E. H. Adair, d/b/a E. H. Adair Oil Company, 1017 East Second Street, Wichita 7, Kans.; SE4, S29, T34S, R12W, Hardtner Gas Pool, and interests in Sections 13, 14, 19, 23, 24, 25 and 30, T34S, R13W, Barber County, Kans.; Cities Service Gas Company.

G-10156; 3-26-56; Placid Oil Company, 418 Market Street, Shreveport, La.; Approx. 7.28 percent interest in Janie Furrh Pitts Unit No. 1, Bethany Field, Panola County, Tex.; Arkansas-Louisiana Gas Company.

G-10157; 3-26-56; Charles B. Wrightsman, P. O. Box 256, Esperson Building, Houston 2, Tex.; Approx. 8.78 percent interest in SE4, S28, T25S, R37E, Langlie Field, Lea County, N. Mex.; El Paso Natural Gas Company.

G-10159; 3-26-56; Vaughney and Vaughney, 1650 Denver Club Building, Denver 2, Colo.; Approx. 160 acre John Nelson lease, North Johnson Hill Field, Logan County, Colo.; Kansas-Nebraska Natural Gas Company, Inc.

G-10162; 3-27-56, 8-14-56; Pond Fork Oil and Gas Company, P. O. Box 887, Charleston 23, W. Va.; Approx. 19,800 acres, Holly, Otter, and Birch Districts, Braxton County; Glade District, Webster County; and Hamilton District, Nicholas County, W. Va.; Hope Natural Gas Company.

G-10164; 3-27-56; Gulf Refining Company, P. O. Drawer 2100, Houston 1, Tex.; 6 leases, Timballer Bay Field, LaFourche Parish, La.; Tennessee Gas Transmission Company.

G-10165; 3-27-56; Gulf Refining Company, P. O. Drawer 2100, Houston 1, Tex.; Approx. 9,971 acres, Bully Camp Field, LaFourche Parish, La.; Tennessee Gas Transmission Company.

G-10166; 3-28-56; The Carter Oil Company, P. O. Box 801, Tulsa 2, Okla.; An interest in 360 acres, Hugoton Area, Texas County, Okla.; Kansas-Nebraska Natural Gas Company, Inc.

G-10167; 3-28-56, 4-6-56; General Petroleum Corporation, 612 South Flower Street, P. O. Box 2122, Terminal Annex, Los Angeles 54, Calif.; Interest in 15,360 acres, Piceance Creek Unit Area, Rio Blanco County, Colo.; Pacific Northwest Pipeline Corporation.

G-10168; 3-28-56; Anderson-Prichard Oil Corporation, Liberty Bank Building, Oklahoma City, Okla.; 22.22 percent interest in C. H. Riviere lease, Velma Field, Stephens County, Okla.; Lone Star Gas Company.

G-10169; 3-28-56; Hollandsworth Oil Company, Frank Hollandsworth, and Clarence Keese, P. O. Box 1632, Longview, Tex.; Approx. 674 acre Gooch Gas Unit No. 1-A, Woodlawn Field, Harrison County, Tex.; Mississippi River Fuel Corporation.

G-10172; 3-29-56, 4-18-56; Tide Water Associated Oil Company, P. O. Box 1404, Houston 1, Tex.; Garbade, Dehnert, Penick, White and Nicewander leases, Rock Island Field, Colorado County, Tex.; Tennessee Gas Transmission Company.

G-10175; 3-29-56; Spartan Drilling Company; G. H. Vaughn, Jr. and J. C. Vaughn, Independent Executors for the Estate of G. H. Vaughn, Deceased; and H. W. Klein, 1120 Mercantile Securities Building, Dallas 1, Tex.; An interest in 480 acres, Pecos Valley Field Area, Pecos County, Tex.; El Paso Natural Gas Company.

G-10177; 3-30-56; Shell Oil Company, 50 West 50th Street, New York 20, N. Y.; 16 leases, Chesterville Field, Colorado County, Tex.; Tennessee Gas Transmission Company.

G-10179; 3-30-56; Sinclair Oil & Gas Company, P. O. Box 521, Tulsa 2, Okla.; Merrill and Kolberg Units, San Carlos Field, Hidalgo County, Tex.; Trunkline Gas Company.

G-10183; 4-2-56; The Globe Oil & Refining Company, 301 South Market Street, Wichita, Kans.; Jensen Gas Unit, Greenwood Field, Morton County, Kans.; Colorado Interstate Gas Company.

G-10185; 4-2-56; W. Earl Rowe, T. J. Goad, J. P. Hale, Sue E. Duncan, R. V. Embleton, Jr., P. G. Northrup, Field M. Davis, Joe W. Bates and R. V. Embleton; 2 1/2 W. Earl Rowe, 1900 Milam Building, San Antonio 5, Tex.; 200 and 400 acre Perez leases, Embleton Field, Jim Wells County, Tex.; C. V. Lyman.

G-10185; 4-2-56; W. Earl Rowe, R. V. Embleton, T. J. Goad, J. P. Hale, R. V. Embleton, Jr., and Sue E. Duncan; 2 c/o W. Earl Rowe, 1900 Milam Building, San Antonio 5, Tex.; 400 acre Lenor Perez lease, Embleton Field, Jim Wells County, Tex.; C. V. Lyman.

G-10191; 4-2-56; United States Smelting Refining and Mining Company, 75 Federal Street, Boston, Mass.; S16, T33N, R9W, Ignacio Field, La Plata County, Colo.; El Paso Natural Gas Company.

G-10192; 4-2-56; Monsanto Chemical Company, 519 Lion Oil Building, El Dorado, Ark.; An interest in approx. 412 acres, Sullivan City Field, Starr and Hidalgo Counties, Tex.; Tennessee Gas Transmission Company.

G-10193; 4-2-56; Cities Service Oil Company, Cities Service Building, Bartlesville, Okla.; Oklahoma City Field, via Podine Gasoline Plant, Oklahoma County, Okla.; Cities Service Gas Company.

G-10196; 4-3-56; H. B. Harkins, W. Carlton Weaver, O. F. Holcombe, Crosswell Investment Co. and Fred L. Sharp; c/o H. B. Harkins, P. O. Box 1490, Alice, Tex.; 5 leases, Yanta Field, Cabeza Creek Area, Goliad, DeWitt and Karnes Counties, Tex.; United Gas Pipe Line Company.

G-10199; 4-3-56, 6-7-56; Aurora Gasoline Company, 15911 Wyoming Avenue, Detroit 38, Mich.; S/2 SE/4 S33, T32S, R11W; E/2 NE/4 S4, T33S, R11W; and W/2 W/2 S3, T33S,

R11W; Barber County, Kans.; Cities Service Gas Company.

G-10205; 4-5-56, 1-8-57; J. Paul Ratliff, Jr. 541 East Beach Street, Pass Christian, Miss.; E. E. Bagley and Baldwin Units, Bethany Field, Panola County, Tex.; United Gas Pipe Line Company.

G-10206; 4-5-56; Gem Oil Company, P. O. Box B, Brush, Colo.; Luft lease, Columbine Field, Logan County, Colo.; Kansas-Nebraska Natural Gas Company, Inc.

G-10217; 4-9-56; Northern Natural Gas Producing Company, 2223 Dodge Street, Omaha 1, Nebr.; Sections 19 and 30, T31S, R34W, and Section 1, T32S, R35W, Hugoton Gas Field, Seward and Stevens Counties, Kans.; Northern Natural Gas Company.

G-10218; 4-9-56; Dorsey S. Pierce Gas Company, Grantsville, W. Va.; Approx. 14 acres, Washington District Calhoun County, W. Va.; Hope Natural Gas Company.

G-10219; 4-9-56; Rhonda Sue Gas Company, Mallory, W. Va.; 2 acres, Triadelphia District, Logan County, W. Va.; Hope Natural Gas Company.

G-10220; 4-9-56; McCune Gas Company,* Washington District, Calhoun County, W. Va.; 61 acres, Washington District, Calhoun County, W. Va.; Hope Natural Gas Company.

G-10224; 4-9-56; C. B. Westfall, Spencer, W. Va.; 16 acre W. T. Hanshaw lease, Jefferson District, Nicholas County, W. Va.; Godfrey L. Cabot, Inc.

G-10227; 4-9-56; L. L. Robinson, Ricou-Brewster Building, Shreveport, La.; 2.4 acres in Rice Unit, Greenwood-Waskom Field, Caddo Parish, La.; United Gas Pipe Line Company.

G-10228; 4-9-56; Texas Gulf Producing Company, Esperson Building, Houston, Tex.; An interest in Piceance Creek Unit Field, Rio Blanco County, Colo.; Pacific Northwest Pipe Line Corporation.

G-10231; 4-9-56; Skelly Oil Company, Box 1650, Tulsa, Okla.; 75 percent interest in Greene "B" Unit, Guymon-Hugoton Field, Texas County, Okla.; Kansas-Nebraska Natural Gas Company, Inc.

G-10232; 4-9-56; Skelly Oil Company, Box 1650, Tulsa, Okla.; 100 percent interest in Dyer "C" Unit, Section 35, T12N, R101W, Moffatt County, Colo.; Mountain Fuel Supply Company.

G-10233; 4-9-56; Argo Oil Corporation, 1700 Broadway, Denver, Colo.; Interest in 15,360 acres, Piceance Creek Unit Area, Rio Blanco County, Colo.; Pacific Northwest Pipe Line Corporation.

G-10237; 4-10-56; Weldon O. Winsauer, 5327 Ashby Street, Houston, Tex.; An interest in approx. 308 acres, North Mathis Field, San Patricio County, Tex.; Gas Gathering Company.

G-10238; 4-10-56; H. H. Osborne, P. O. Box 165, Clendenin, W. Va.; Rollins, Young and Lynch leases, Big Sandy District, Kanawha County, W. Va.; South Penn Natural Gas Company.

G-10239; 4-10-56; H. H. Osborne, P. O. Box 165, Clendenin, W. Va.; Approx. 35 acres (4 leases), Falling Rock, Big Sandy District, Kanawha County, W. Va.; South Penn Natural Gas Company.

G-10240; 4-11-56; Simon Herold and A. G. Birdwell, Texas Eastern Building, Shreveport, La.; 5.9 acres in Wilbert Unit, Greenwood-Waskom Field, Caddo Parish, La.; United Gas Pipe Line Company.

G-10241; 4-11-56, 6-29-56; Trice Production Company, P. O. Box 1471, Longview, Tex.; 80 acres, Garvin County, Okla.; Lone Star Gas Company.

G-10243; 4-11-56; Amerada Petroleum Corporation, P. O. Box 2040, Tulsa 2, Okla.; Interest in approx. 640 acres, Ignacio Field, La Plata County, Colo.; El Paso Natural Gas Company.

G-10244; 4-11-56; Amerada Petroleum Corporation, P. O. Box 2040, Tulsa 2, Okla.;

* Filed by W. Earl Rowe for self and as Agent for others.

* Filed by Holly Nester as Agent.

State "D", "F" and "V" leases and J. R. Phillips lease; Permian Basin, Lea County, N. Mex.; Permian Basin Pipeline Company.

G-10247; 4-12-56, 5-21-56, 7-12-56, 7-13-56; Fred Whitaker, P. O. Box 517, Carthage, Tex.; Rock Hill-O. V. Mullins Natural Production Unit, Carthage Field, Panola County, Tex.; Arkansas Louisiana Gas Company.

G-10248; 4-12-56; West Virginia Production Company, 179 Summers Street, Charleston, W. Va.; Approx. 821 acres, DeKalb District, Gilmer County, W. Va.; Hope Natural Gas Company.

G-10249; 4-12-56; Kassos Gas Company, Mallory, W. Va.; Virgie Kassos et al. lease, Tridelpia District, Logan County, W. Va.; Hope Natural Gas Company.

G-10252; 4-12-56, 9-6-56; The Atlantic Refining Company, P. O. Box 2819, Dallas 1, Tex.; South Hallsville Field, Harrison County, Tex.; Texas Eastern Transmission Corporation.

G-10254; 4-12-56; Stanolind Oil and Gas Company, 211 South Boston Avenue, Tulsa 3, Okla.; An interest in W. P. Leonard Unit, Senteil Field, Bossier Parish, La.; Arkansas Louisiana Gas Company.

G-10255; 4-13-56; N. C. Ginther, H. C. Warren and W. L. Ginther, 1714 Neils Esperon Building, Houston, Tex.; 165.9 acre McNair lease, North Mathis Field, San Patricio County, Tex.; Gas Gathering Company.

G-10256; 4-13-56; Jewell Moore Hankins and Pauline Haffa, 205 West Harvester Street, Pampa, Tex.; 320 acres, West Panhandle Field, Gray County, Tex.; Northern Natural Gas Company.

G-10257; 4-13-56; Texas Pacific Coal and Oil Company, P. O. Box 2110, Fort Worth National Bank Building, Fort Worth, Tex.; NE $\frac{1}{4}$, W $\frac{1}{2}$ and W $\frac{1}{2}$ SE $\frac{1}{4}$; S4, T12S, R33E, Bagley Area, Lea County, N. Mex.; El Paso Natural Gas Company.

G-10258; 4-13-56; Mound Company, Grey-Wolf Drilling Company, Jan Gregory Marechal and J. G. J. Corporation, 2010 South Coast Life Building, Houston, Tex.; Theodore Guillory Gas Unit, Savoy Field, St. Landry Parish, La.; American Louisiana Pipe Line Company.

G-10262; 4-13-56; The Atlantic Refining Company, P. O. Box 2819, Dallas 21, Tex.; Parker #2 lease, Fuhrman Mascho Field, Andrews County, Tex.; Phillips Petroleum Company.

G-10266; 4-16-56; Edwin L. Cox, 2100 Adolphus Tower, Dallas 2, Tex.; Approx. 26 percent interest in Burnett "A" Unit, Greenwood Field, Morton County, Kans.; Colorado Interstate Gas Company.

G-10267; 4-16-56; Edwin L. Cox, 2100 Adolphus Tower, Dallas 2, Tex.; Approx. 16 percent int. in O. C. Flowers Gas Unit B-1, approx. 25 percent int. in O. C. Flowers Unit, and approx. 60 percent int. in Essa Todd Gas Unit No. 3, Camrick Southeast Gas Field, Beaver County, Okla.; Natural Gas Pipe Line Company of America.

G-10271; 4-16-56; H. L. Pernell and Luther Davis, Tool Gate, W. Va.; Cabin Run Gas Field, Doddridge County, W. Va.; Carnegie Natural Gas Company.

G-10273; 4-16-56; Carri Oil, 506 Driscoll Building, Corpus Christi, Tex.; East Mathis Field, San Patricio County, Tex.; Gas Gathering Company.

G-10278; 4-18-56; R. E. Schiefelbein, E. Horner and G. W. Wheeler, Majestic Building, San Antonio 5, Tex.; Ed. W. Sullivan lease (3 tracts), Sullivan City Field, Hidalgo County, Tex.; Tennessee Gas Transmission Company.

G-10279; 4-19-56; Keith-Hays Gas Company, Lee District, Calhoun County, W. Va.; Approx. 62 acres, Lee District, Calhoun County, W. Va.; Hope Natural Gas Company.

G-10284; 4-19-56; Sohio Petroleum Company, Skirvin Tower, Oklahoma City, Okla.;

Bauer Ranch Field, Jefferson County, Tex.; Texas Gas Corporation.

G-10286; 4-20-56; Monsanto Chemical Company, 519 Lion Oil Building, El Dorado, Ark.; J. P. Graham No. 2 Unit, North Ruston Field, Lincoln Parish, La.; Arkansas Louisiana Gas Company.

G-10287; 4-20-56; Monsanto Chemical Company, 519 Lion Oil Building, El Dorado, Ark.; J. E. Hoy Unit, North Ruston Field, Lincoln Parish, La.; Arkansas Louisiana Gas Company.

G-10291; 4-20-56; Toler Gas Company, Box 1, Man, W. Va.; Approx. 2 acres, Big Huff Creek, Tridelpia District, Logan County, W. Va.; Hope Natural Gas Company.

G-10292; 4-20-56, 7-13-56; The Atlantic Refining Company, P. O. Box 2819, Dallas 21, Tex.; V. W. Sheppard State lease, Shafter Lake-San Anders Field; Block 5 lease, Magutex Field; Block 4 lease, McFarland, South (Queen) Field; and Allison Block A-44 lease, Andrews Field; Andrews County, Tex.; Phillips Petroleum Company.

G-10294; 4-23-56; The Chicago Corporation, 5301 Camp Bowie Boulevard, Fort Worth, Tex.; O'Connor lease, Mary Ellen O'Connor Field, Refugio County, Tex.; Tennessee Gas Transmission Company.

G-10295; 4-23-56; Gulf Oil Corporation, P. O. Box 1166, Pittsburgh 30, Pa.; Sections 7, 8, 17 and 18, T24N, R5W, South Blanco Pool, Rio Arriba County, N. Mex.; El Paso Natural Gas Company.

G-10296; 4-23-56; Ashland Oil & Refining Company and Delta Drilling Company, 1409 Winchester Avenue, Ashland, Ky.; F. A. Whitt lease, Alex Barnhill Survey, Coke County, Tex.; Texas Hydrocarbon Company.

G-10299; 4-23-56; Northern Natural Gas Producing Company, 2223 Dodge Street, Omaha 1, Nebr.; Section 9, T32S, R35W and Section 31, T31S, R34W, Hugoton Gas Field, Seward and Stevens Counties, Kans.; Northern Natural Gas Company.

G-10300; 4-23-56; Gulf Oil Corporation, P. O. Box 1166, Pittsburgh 30, Pa.; 18.8 percent interest in Section 5, T1N, R20ECM, Camrick Southeast Gas Pool, Beaver County, Okla.; Natural Gas Pipeline Company of America.

G-10302; 4-23-56; William Graham Oil Company, 1005 East Second Street, Wichita, Kans.; Magnison Unit, part of Sections 2 and 3, T33S, R13W, Barber County, Kans.; Cities Service Gas Company.

G-10306; 4-23-56; The Atlantic Refining Company, P. O. Box 2819, Dallas 1, Tex.; Interest in Coll lease, Crosby Devonian Field, Lea County, N. Mex.; El Paso Natural Gas Company.

G-10307; 4-23-56; Eason Oil Company, 1211 Concord Building, Oklahoma City, Okla.; Approx. 840 acres, East Guthrie Lake Field, Logan County, Okla.; Cities Service Gas Company.

G-10309; 4-25-56; Pipe Line Construction and Drilling Company, 503 Charleston National Bank Building, Charleston 1, W. Va.; Approx. 64 acres, Sandridge Field, Apple Farm, Sherman District, Calhoun County, W. Va.; Hope Natural Gas Company.

G-10310; 4-25-56; Lydie and Lowe, Grantsville, W. Va.; Approx. 95 acres, Annamoriah Field, Sheridan District, Calhoun County, W. Va.; Hope Natural Gas Company.

G-10311; 4-25-56; The Dock Gas Company R. F. D. 3, Parkersburg, W. Va.; Approx. 125 acre Ida M. Gibson et vir lease, Murphy District, Ritchie County, W. Va.; Hope Natural Gas Company.

G-10313; 4-25-56; Moran and Company, Box 368, Weston, W. Va.; Approx. 9 acres, Stone Coal Field, Skin Creek District, Lewis County, W. Va.; Cumberland and Allegheny Gas Company.

G-10315; 4-26-56; Post #7 Gas Company, Box 2, Glenville, W. Va.; Approx. 54 acres,

Dusk Camp, Braxton County, W. Va.; Hope Natural Gas Company.

G-10316; 4-26-56; W. S. Engle Gas Company, Box 2, Glenville, W. Va.; Approx. 80 acres, Bull Fork, Gilmer County, W. Va.; Hope Natural Gas Company.

G-10317; 4-26-56; B. I. Cunningham Oil and Gas Company, Smithville, W. Va.; Approx. 38 acres, Road Fork of Leatherbark Creek, Murphy District, Ritchie County, W. Va.; Penova Interests.

G-10320; 4-27-56; Shell Oil Company, 50 West 50th Street, New York 20, N. Y.; 25 percent interest in Stevens B-1 Gas Unit, Hugoton Field, Haskell County, Kans.; Colorado Interstate Gas Company.

G-10322; 4-27-56; The Carter Oil Company, National Bank of Tulsa Building, Tulsa, Okla.; An interest in S31, T6N, R22ECM, Greenough Pool, Beaver County, Okla.; Panhandle Eastern Pipe Line Company.

G-10324; 4-30-56; John B. Hawley, Jr., G. A. Kane and G. S. Davidson, % Northern Pump Company Columbia Heights Post Office, Minneapolis 21, Minn.; Approx. 328 acres, West Cosden Field, Bee County, Tex.; Texas Eastern Transmission Corporation, assignee of Wilcox Trend Gathering System, Inc.

G-10325; 4-30-56; Sunray Mid-Continent Oil Company, P. O. Box 2039, Tulsa, Okla.; An interest in Archie Campbell Unit, Camrick Field, Texas County, Okla.; Natural Gas Pipe Line Company of America.

G-10498; 5-31-56; Emby Kaye, 816 First National Bank Building, Tulsa 3, Okla.; An interest in Humiston 1-31 Unit, Greenough Pool, Beaver County, Okla.; Panhandle Eastern Pipe Line Company.

G-10538; 6-8-56; Leon J. Caine, 5501 West Grand Avenue, Chicago 39, Ill.; An interest in Humiston 1-31 Unit, Greenough Pool, Beaver County, Okla.; Panhandle Eastern Pipe Line Company.

These related matters should be heard on a consolidated record and disposed of as promptly as possible under the applicable rules and regulations and to that end:

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act, and the Commission's rules of practice and procedure, a hearing will be held on Thursday, March 28, 1957 at 9:30 a. m., e. s. t., in a Hearing Room of the Federal Power Commission, 441 G Street NW., Washington, D. C., concerning the matters involved in and the issues presented by such applications: *Provided, however*, That the Commission may, after a non-contested hearing, dispose of the proceedings pursuant to the provisions of § 1.30 (c) (1) or (2) of the Commission's rules of practice and procedure. Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicants to appear or be represented at the hearing.

Protests or petitions to intervene may be filed with the Federal Power Commission, Washington 25, D. C., in accordance with the rules of practice and procedure (18 CFR 1.8 or 1.10) on or before March 15, 1957. Failure of any party to appear at and participate in the hearing shall be construed as waiver of and concurrence in omission herein

* Filed by Holly Nester as Agent.

* Filed by G. Miller as Agent.

* Filed by Northern Pump Company as Agent and Operator.

of the intermediate decision procedure in cases where a request therefor is made.

[SEAL]

J. H. GUTRIE,
Secretary.

[F. R. Doc. 57-1557; Filed, Mar. 4, 1957;
8:45 a. m.]

[Docket No. G-8921 etc.]

ARKANSAS FUEL OIL CORP. ET AL.

NOTICE SEVERING, CONSOLIDATING PROCEEDINGS FOR PURPOSE OF HEARING, AND FIXING DATE OF HEARING

FEBRUARY 26, 1957.

In the matters of Arkansas Fuel Oil Corporation, Docket Nos. G-8921, G-9386, G-9571, G-9800, G-10036, G-11289, and G-11290; Arkansas Fuel Oil Corporation (Operator), Docket Nos. G-11311 and G-11327; R. H. Goodrich, Docket Nos. G-8977 and G-9575; W. H. Cocke, Docket Nos. G-8978 and G-9570; C. N. Johnston, et al., Docket Nos. G-9136 and G-9569; John W. Mecum (doing business as Mecum Petroleum), Docket No. G-10357.

The Commission issued orders in the below-designated dockets suspending proposed changes in rates pertaining to sales of natural gas in interstate commerce to United Gas Pipe Line Company, as follows:

Seller; Docket No.; and Order Suspending Rates Issued

Arkansas Fuel Oil Corporation; G-8921; May 18, 1955.

Arkansas Fuel Oil Corporation; G-9571; October 28, 1955.

Humble Oil & Refining Company; G-8925; May 19, 1955.

Humble Oil & Refining Company; G-9574; October 28, 1955.

The Texas Company; G-8969; May 27, 1955.
The Texas Company; G-9576; October 28, 1955.

R. H. Goodrich; G-8977; June 1, 1955.

R. H. Goodrich; G-9575; October 28, 1955.

W. H. Cocke; G-8978; June 1, 1955.

W. H. Cocke; G-9570; October 28, 1955.

Hunt Oil Company; G-9065; June 23, 1955.
Hunt Oil Company; G-9568; October 28, 1955.

C. N. Johnston, et al.; G-9136; July 15, 1955.
C. N. Johnston, et al.; G-9569; October 28, 1955.

By order issued March 2, 1956, the Commission consolidated, fixed date of hearing and specified procedure in the above-docketed suspension proceedings. By Notice of the Secretary, dated March 7, 1956, the hearing scheduled in the March 2, 1956 order was postponed to a date to be fixed by further notice.

The Commission also issued orders in the below-designated dockets suspending certain rates for sales of natural gas in interstate commerce, as follows:

Seller; Docket No.; and Order Suspending Rates Issued

Arkansas Fuel Oil Corporation; G-9386; September 23, 1955.

Arkansas Fuel Oil Corporation; G-9800; December 23, 1955.

Arkansas Fuel Oil Corporation; G-10036; March 5, 1956.

Arkansas Fuel Oil Corporation; G-11289; October 26, 1956.

Arkansas Fuel Oil Corporation; G-11290; October 26, 1956.

Arkansas Fuel Oil Corporation (Operator); G-11311; October 30, 1956.

Arkansas Fuel Oil Corporation (Operator); G-11327; October 30, 1956.

John W. Mecum (d/b/a Mecum Petroleum); G-10357; May 9, 1956.

It is appropriate and in the public interest that the proceedings in Docket Nos. G-8925, G-9574, G-8969, G-9576, G-9065, and G-9568, which have heretofore been consolidated with the proceedings in Docket Nos. G-8921, G-9571, G-8977, G-9575, G-8978, G-9570, G-9136, and G-9569 by the Commission's March 2, 1956 order, be severed from the other proceedings consolidated by that order.

It is also appropriate and in the public interest that the proceedings in Docket Nos. G-9386, G-9800, G-10036, G-11289, G-11290, G-11311, G-11327, and G-10357, be consolidated for purposes of hearing with Docket Nos. G-8921, G-9571, G-8977, G-9575, G-8978, G-9570, G-9136, and G-9569.

Take notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by the Natural Gas Act, particularly sections 4 and 15, and the Commission's rules of practice and procedure, a hearing be held commencing on April 1, 1957, at 10:00 a. m., e. s. t., in a hearing room of the Federal Power Commission, 441 G Street NW., Washington 25, D. C., concerning the matters involved, and the issues presented in the above-captioned consolidated proceedings.

Interested State commissions may participate as provided by §§ 1.8 and 1.37 (f) of the Commission's rules of practice and procedure (18 CFR 1.8 and 1.37 (f)).

[SEAL]

JOSEPH H. GUTRIE,
Secretary.

[F. R. Doc. 57-1621; Filed, Mar. 4, 1957;
8:46 a. m.]

[Docket No. G-10332]

SINCLAIR OIL & GAS CO.

NOTICE OF APPLICATION AND DATE OF HEARING

FEBRUARY 27, 1957.

Take notice that Sinclair Oil & Gas Company (Applicant) a Maine corporation with its principal place of business at Tulsa, Oklahoma, filed on May 1, 1956, an application for permission and approval to abandon service, pursuant to section 7 (b) of the Natural Gas Act, as hereinafter described, subject to the jurisdiction of the Commission, all as more fully represented in the Application on file with the Commission and open to public inspection.

Applicant seeks to abandon the sale of natural gas in interstate commerce to Cities Service Gas Company (Cities Service) for resale from its Gas Products Plant No. 2, Drumright Field, Creek County, Oklahoma. Such sale was authorized covering the Gas Products Plant No. 2 in Docket No. G-8802 by the Commission's order issued October 26, 1956, in Docket No. G-5524, et al.

Applicant states that at the time the basic contract dated March 9, 1955 was

entered into, it was contemplated that Applicant would have considerable amounts of residue gas available for sale to Cities Service, but that because of the contract reservations of gas to meet its other commitments, only nominal quantities have been available to Cities Service (an aggregate on only 77 Mcf delivered during the month of September 1955 through January 1956). Moreover, it does not appear that substantially larger amounts will be available to Cities Service in the near future.

This matter is one that should be disposed of as promptly as possible under the applicable rules and regulations and to that end:

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act, and the Commission's rules of practice and procedure, a hearing will be held on April 8, 1957, at 9:30 a. m., e. s. t., in a Hearing Room of the Federal Power Commission, 441 G Street NW., Washington, D. C., concerning the matters involved in and the issues presented by such application: *Provided, however*, That the Commission may, after a non-contested hearing, dispose of the proceedings pursuant to the provisions of § 1.30 (c) (1) or (2) of the Commission's rules of practice and procedure. Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicant to appear or be represented at the hearing.

Protests or petitions to intervene may be filed with the Federal Power Commission, Washington 25, D. C., in accordance with the rules of practice and procedure (18 CFR 1.8 or 1.10) on or before March 21, 1957. Failure of any party to appear at and participate in the hearing shall be construed as waiver of any concurrence in omission herein of the intermediate decision procedure in cases where a request therefor is made.

[SEAL]

JOSEPH H. GUTRIE,
Secretary.

[F. R. Doc. 57-1622; Filed, Mar. 4, 1957;
8:46 a. m.]

[Docket No. E-6731]

CALIFORNIA ELECTRIC POWER CO.

NOTICE OF APPLICATION

FEBRUARY 27, 1957.

Take notice that on February 21, 1957, an application was filed with the Federal Power Commission pursuant to section 204 of the Federal Power Act by California Electric Power Company ("Applicant"), a corporation organized under the laws of the State of Delaware and doing business in the States of California and Nevada, with its principal business office at Riverside, California, seeking an order authorizing the issuance and sale by competitive bidding of 300,000 shares of Common Stock, par value \$1.00 per share, and \$6,000,000 principal amount of First Mortgage Bonds, ----- percent Series due 1987. The proposed bonds will mature on April 1, 1987. Applicant proposes to use the

proceeds from the issue and sale of stock and bonds to discharge its obligations and to apply the balance of the proceeds toward the acquisition of property and the construction of facilities.

Any person desiring to be heard or to make any protest with reference to said application should on or before the 18th day of March 1957, file with the Federal Power Commission, Washington 25, D. C., a petition or protest in accordance with the Commission's rules of practice and procedure. The application is on file and available for public inspection.

[SEAL] JOSEPH H. GUTRIDE,
Secretary.

[F. R. Doc. 57-1623; Filed, Mar. 4, 1957;
8:47 a. m.]

[Docket No. G-5965]

HAYS OIL & GAS CO.

NOTICE OF APPLICATION AND DATE OF
HEARING

FEBRUARY 27, 1957.

Take notice that Hays Oil & Gas Company (Applicant), a West Virginia corporation with its principal place of business at Clendenin, West Virginia, filed on November 26, 1954, an application for a certificate of public convenience and necessity pursuant to section 7 (c) of the Natural Gas Act, authorizing it to continue to sell natural gas for resale to Southeastern Gas Company, subject to the jurisdiction of the Commission all as more fully represented in the application, as amended by a letter filed October 15, 1956, on file with the Commission and open to public inspection.

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act, and the Commission's rules of practice and procedure, a hearing will be held on Thursday, March 8, 1957, at 9:30 a. m., e. s. t., in a Hearing Room of the Federal Power Commission, 441 G Street NW., Washington, D. C., concerning the matters involved in and the issues presented by such applications: *Provided, however*, That the Commission may, after a non-contested hearing, dispose of the proceedings pursuant to the provisions of § 1.30 (c) (1) or (2) of the Commission's rules of practice and procedure.

Protests or petitions to intervene may be filed with the Federal Power Commission, Washington 25, D. C., in accordance with the rules of practice and procedure (18 CFR 1.8 or 1.10) on or before March 18, 1957. Failure of any party to appear at and participate in the hearing shall be construed as waiver of and concurrence in omission herein of the intermediate decision procedure in cases where a request therefor is made.

[SEAL] JOSEPH H. GUTRIDE,
Secretary.

[F. R. Doc. 57-1624; Filed, Mar. 4, 1957;
8:47 a. m.]

[Docket No. G-6498]

HUMPHREY BRICK AND TILE CO.

NOTICE OF APPLICATION AND DATE OF
HEARING

FEBRUARY 27, 1957.

Take notice that The Humphrey Brick and Tile Company (Applicant) a Pennsylvania corporation with its principal place of business at Brookville, Pennsylvania, filed on November 29, 1954, an application for a certificate of public convenience and necessity pursuant to section 7 (c) of the Natural Gas Act, authorizing Applicant to continue to sell natural gas to Jefferson County Gas Company, subject to the jurisdiction of the Commission, all as more fully represented in the application on file with the Commission and open to public inspection.

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act, and the Commission's rules of practice and procedure, a hearing will be held on Thursday, March 28, 1957, at 10:00 a. m., e. s. t., in a Hearing Room of the Federal Power Commission, 441 G Street NW., Washington, D. C., concerning the matters involved in and the issues presented by such applications: *Provided, however*, That the Commission may, after a non-contested hearing, dispose of the proceedings pursuant to the provisions of § 1.30 (c) (1) or (2) of the Commission's rules of practice and procedure.

Protests or petitions to intervene may be filed with the Federal Power Commission, Washington 25, D. C., in accordance with the rules of practice and procedure (18 CFR 1.8 or 1.10) on or before March 18, 1957. Failure of any party to appear at and participate in the hearing shall be construed as waiver of and concurrence in omission herein of the intermediate decision procedure in cases where a request therefor is made.

[SEAL] JOSEPH H. GUTRIDE,
Secretary.

[F. R. Doc. 57-1625; Filed, Mar. 4, 1957;
8:47 a. m.]

[Docket No. G-6718 etc.]

DURHAM GAS CO. ET AL.

NOTICE OF APPLICATIONS AND DATE OF
HEARING

FEBRUARY 27, 1957.

In the matters of Durham Gas Company, Docket No. G-6718; Steer Creek Oil and Gas Company, Docket No. G-6720; Delaney Gas Company, Docket No. G-6722; Wilson Gas Company, Docket No. G-6723; Ruffner Gas Company, Docket No. G-6724; Huddleston Gas Company, Docket No. G-6728; Moss Gas Company, Docket No. G-6730; Litton Gas Company, Docket No. G-6731; Willard H. Erwin, Jr., Docket No. G-6733; D. A. Williams, Docket No. G-9586; Monsanto Chemical Company, Docket No. G-10721.

Each of the above Applicants has filed an application for a certificate of public convenience and necessity pursuant to section 7 of the Natural Gas Act, authorizing Applicants to render services as hereinafter described, subject to the jurisdiction of the Commission, all as more fully represented in their respective applications which are on file with the Commission and open for public inspection.

Applicants produce and sell natural gas for transportation in interstate commerce for resale as indicated below:

Docket No. G-; Location of Field; and Buyer

6718, 6724, 6733; Elk District, Kanawha County, West Virginia; United Fuel Gas Company.

6720; Center District, Gilmer County, West Virginia; Godfrey L. Cabot, Inc.

6722 and 6730; Poca District, Kanawha County, West Virginia; United Fuel Gas Company.

6723; Wayne County, West Virginia; United Fuel Gas Company.

6728; Cabin Creek District, Kanawha County, West Virginia; United Fuel Gas Company.

6731; Union and Murphy Districts, Ritchie County; Salt Lick District, Braxton County, West Virginia; Equitable Gas Company. Union District, Ritchie County, West Virginia; South Penn Natural Gas Company. Murphy District, Ritchie County, West Virginia; Hope Natural Gas Company.

9586; Eumont Field, Lea County, New Mexico; Permian Basin Pipe Line Company.

10721; Joaquin Field, Panola and Shelby Counties, Texas; United Gas Pipeline Company.

These matters should be heard on a consolidated record and disposed of as promptly as possible under the applicable rules and regulations and to that end:

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act, and the Commission's rules of practice and procedure, a hearing will be held on April 1, 1957, at 9:30 a. m., e. s. t., in a Hearing Room of the Federal Power Commission, 441 G Street NW., Washington, D. C., concerning the matters involved in and the issues presented by such applications: *Provided, however*, That the Commission may, after a non-contested hearing, dispose of the proceedings pursuant to the provisions of § 1.30 (c) (1) or (2) of the Commission's rules of practice and procedure. Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicants to appear or be represented at the hearing.

Protests or petitions to intervene may be filed with the Federal Power Commission, Washington 25, D. C., in accordance with the rules of practice and procedure (18 CFR 1.8 or 1.10) on or before March 18, 1957. Failure of any party to appear at and participate in the hearing shall be construed as waiver of and concurrence in omission herein of the intermediate decision procedure in cases where a request therefor is made.

[SEAL] JOSEPH H. GUTRIDE,
Secretary.

[F. R. Doc. 57-1626; Filed, Mar. 4, 1957;
8:47 a. m.]

[Docket No. G-8969 etc.]

TEXAS CO. ET AL.

NOTICE OF CONSOLIDATION OF PROCEEDINGS
AND DATE OF HEARING

FEBRUARY 27, 1957.

In the matters of The Texas Company, Docket Nos. G-8969, G-9576, G-9593, G-9596, G-9609, G-9161, G-10884, G-11321, G-11322, G-11323, G-11333; The Texas Company (Operator), et al., Docket No. G-11324; The Texas Company (Operator), et al. Docket No. G-11391.

The above proceedings relate to proposed changes in rates which heretofore have been suspended by order of the Commission, with the provision that a public hearing be held thereon at a date to be fixed by notice from the Secretary.

Take notice that the said related proceedings will be heard on a consolidated record to the end that they may be disposed of as promptly as possible.

Take further notice that pursuant to the prior orders of the Commission in each of the above proceedings and the Natural Gas Act, particularly sections 4 and 15 thereof, and the Commission's rules of practice and procedure, a public hearing will be held commencing on April 8, 1957, at 10:00 a. m., e. s. t., in a Hearing Room of the Federal Power Commission, 441 G Street NW., Washington, D. C., concerning the matters and issues involved in these consolidated proceedings.

Interested State commissions may participate as provided by §§ 1.8 and 1.37 (f) of the Commission's rules of practice and procedure (18 CFR 1.8 and 1.37 (f)).

[SEAL]

JOSEPH H. GUTRIDE,
Secretary.[F. R. Doc. 57-1627; Filed, Mar. 4, 1957;
8:48 a. m.]

[Docket Nos. G-10792, G-11229]

SOUTHERN PRODUCTION CO., INC., AND
SINCLAIR OIL & GAS CO.NOTICE OF APPLICATION AND DATE OF
HEARING

FEBRUARY 27, 1957.

In the matters of Southern Production Company, Inc., Docket No. G-10792; Sinclair Oil & Gas Company and Southern Production Company, Inc., Docket No. G-11229.

Take notice that Southern Production Company, Inc. (Southern), a Delaware corporation with its principal place of business at Fort Worth, Texas, filed on July 23, 1956, an application in Docket No. G-10792, pursuant to section 7 (c) of the Natural Gas Act, for authority to sell natural gas in interstate commerce to Phillips Petroleum Company from Southern's $\frac{1}{16}$ th interest in the 490.8 acre Fasken Block CB Unit located in the Magutex Field, Andrews County, Texas, all as more fully described in the application on file with the Commission and open to public inspection.

Take further notice that Sinclair Oil & Gas Company (Sinclair), a Maine corporation with its principal place of business at Tulsa, Oklahoma, and Southern filed on October 12, 1956, a joint application in Docket No. G-11229, pursuant to section 7 of the Natural Gas Act seeking authorization for:

(1) Southern to abandon certain sales of natural gas, pursuant to section 7 (b) of the Natural Gas Act, previously authorized at Docket Nos. G-2583, G-6027, G-6098, G-6212 and G-8722.

(2) Sinclair to continue the above authorized sales, pursuant to section 7 (c) of the Natural Gas Act, in place of Southern.

(3) Sinclair to replace Southern as Applicant in Docket No. G-10792 herein.

The joint application in Docket No. G-11229 states that Southern's stockholders, by vote on October 11, 1956, have adopted a plan previously approved by Southern's Board of Directors, for the complete liquidation of Southern including the sale and transfer to Sinclair of certain of Southern's oil and gas properties which are the subject matter of the certificate applications mentioned in (1) and (3) above. The sale and transfer of such gas and oil properties was scheduled to occur on November 1, 1956.

These related matters should be heard on a consolidated record and disposed of as promptly as possible under the

applicable rules and regulations and to that end:

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Power Commission by sections 7 and 15 of the Natural Gas Act, and the Commission's rules of practice and procedure, a hearing will be held on April 8, 1957, at 9:30 a. m., e. s. t., in a Hearing Room of the Federal Power Commission, 441 G Street NW., Washington, D. C., concerning the matters involved in and the issues presented by such applications: *Provided, however*, That the Commission may, after a non-contested hearing, dispose of the proceedings pursuant to the provisions of § 1.30 (c) (1) or (2) of the Commission's rules of practice and procedure. Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicant to appear or be represented at the hearing.

Protests or petitions to intervene may be filed with the Federal Power Commission, Washington 25, D. C., in accordance with the rules of practice and procedure (18 CFR 1.8 or 1.10), on or before March 21, 1957. Failure of any party to appear at and participate in the hearing shall be construed as waiver of and concurrence in omission herein of the intermediate decision procedure in cases where a request therefor is made.

[SEAL]

JOSEPH H. GUTRIDE,
Secretary.[F. R. Doc. 57-1628; Filed, Mar. 4, 1957;
8:48 a. m.]

GENERAL SERVICES ADMINISTRATION

REPORT OF PURCHASES UNDER DOMESTIC PURCHASE REGULATIONS

Report of purchases under Domestic Purchase Regulations December 31, 1956 (pursuant to section 4, Public Law 206, 83d Congress).

Regulation	Termination date	Unit	Quantity		
			Program limitation	Purchases during quarter ¹	Cumulative purchases through end of quarter ¹
Asbestos.....	10-1-57.	Short tons, crude No. 1 and/or crude No. 2, asbestos.	1,500	0	1,499
Beryl.....	6-30-62	Short tons, crude No. 3.....		0	850
Chrome.....	6-30-59	Short dry tons, beryl ore.....	4,500	195	1,203
		Long dry tons, chrome ore and/or chrome concentrates.	200,000	11,169	137,700
Columbium-tantalum.....	12-31-53	Pounds, contained combined pentoxide.	15,000,000	0	15,600,461
Manganese:					
Butte-Phillipsburg.....	6-30-53	Long ton units, recoverable manganese.	6,000,000	327,486	3,261,657
Deming.....	6-30-53	do.....	6,000,000	0	6,215,253
Wenden.....	6-30-53	do.....	6,000,000	0	6,108,316
Domestic small producers.	1-1-61	Long ton units, contained manganese.	23,000,000	1,495,253	10,538,173
Mercury.....	12-31-57	Flasks, prime virgin mercury.....	125,000	0	5
Mica.....	6-30-62	Short tons, hand-cobbed mica or equivalent.	25,000	703	10,124
Tungsten.....	7-1-53	Short ton units, tungsten trioxide....	3,000,000	² (18)	2,996,451

¹ Quantities represent deliveries.
² Inventory adjustment.

Dated: February 26, 1957.

FRANKLIN G. FLOETE,
Administrator.

[F. R. Doc. 57-1652; Filed, Mar. 4, 1957; 8:52 a. m.]

OFFICE OF DEFENSE MOBILIZATION

EMERGENCY FACILITIES DESTROYED OR DAMAGED BY FLOOD DISASTER

TERMINATION OF ACCELERATED TAX AMORTIZATION PROGRAM

Effective April 1, 1957, the issuance of necessity certificates under section 168 of the Internal Revenue Code will be discontinued in connection with the reconstruction, rehabilitation, and replacement of emergency facilities destroyed or damaged by the 1955 floods in the Northeastern United States and on the West Coast of the United States as authorized by section 6 of ODM Regulation 1 of February 2, 1954 (19 F. R. 747, as amended, 20 F. R. 6452). Applications received on or after April 1, 1957, will be denied if the only qualification for the issuance of the certificate is damage to a facility resulting from the 1955 floods.

Dated: February 28, 1957.

OFFICE OF DEFENSE
MOBILIZATION,
ARTHUR S. FLEMMING,
Director.

[F. R. Doc. 57-1632; Filed, Mar. 4, 1957;
12:05 p. m.]

RESTORATION OF PRODUCTIVE CAPACITY DAMAGED OR DESTROYED BY FLOOD DISASTERS

TERMINATION OF PRIORITIES AND ALLOCATIONS ASSISTANCE

Effective April 1, 1957, the procedure authorized by Supplement 1 to Defense Mobilization Order VII-3 of August 27, 1955 (20 F. R. 6339), to use controls on the distribution and use of materials and facilities to assist in providing materials and facilities for the restoration of productive capacity damaged or destroyed by the major disasters shall not be applicable with respect to the restoration of productive capacity damaged or destroyed by the 1955 flood disasters in the Northeastern United States and on the West Coast of the United States.

Dated: February 28, 1957.

OFFICE OF DEFENSE
MOBILIZATION,
ARTHUR S. FLEMMING,
Director.

[F. R. Doc. 57-1633; Filed, Mar. 4, 1957;
12:05 p. m.]

SECURITIES AND EXCHANGE COMMISSION

[File No. 68-167]

UNION ELECTRIC CO.

NOTICE OF ORDER REGARDING SOLICITATIONS OF PROXIES

FEBRUARY 27, 1957.

The Commission has been informed by Union Electric Company ("Union"), a registered holding company, that it

proposes to solicit the proxies of its stockholders in regard to the annual meeting of such stockholders to be held on April 20, 1957. At such meeting Union anticipates a proxy contest and Union desires prior to the meeting to make several solicitations of its stockholders in order to present the position of its management.

Union and certain of its common stockholders have filed with the Commission preliminary solicitation material pursuant to Regulation X-14 promulgated under the Securities Exchange Act of 1934 in anticipation of the soliciting of Union's security holders in connection with the forthcoming annual meeting.

The staff of the Commission has advised the Commission that on the basis of its examination of the preliminary solicitation material referred to above and of other information contained in the Commission's files it is indicated that substantial questions of law and fact are presented by the intended solicitations under the standards of section 12 (e) of the Public Utility Holding Company Act of 1935 ("act").

In view of the foregoing it appears to the Commission that, in addition to compliance with the requirements of the rules of the Commission promulgated under section 12 (e) of the act, for the purpose of expediting solicitation of proxies in ordinary situations, it is appropriate in the public interest and for the protection of investors and consumers to require Union and all other persons desiring to solicit Union's security holders in connection with the company's next annual meeting to comply with the provisions of Rule U-62 under the act.

Wherefore it is ordered and notice is hereby given, That, pending the further order of the Commission, Union and all other persons be, and hereby are, prohibited from soliciting by use of the mails or any other means or instrumentalities of interstate commerce, or otherwise, any proxy, power-of-attorney, consent, or authorization regarding the voting of any security of Union in connection with the annual meeting of Union's stockholders scheduled to be held April 20, 1957, unless pursuant to a declaration, filed under section 12 (e) of the act and Rule U-62 promulgated thereunder, which has become, or shall have been permitted by the Commission to become, effective.

It is further ordered, That the Secretary of the Commission serve copies of this notice and order by registered mail on Union, J. Raymond Dyer, and Nancy Corinne Dyer and that notice shall be given to all other persons by general release of this Commission, which shall be distributed to the press and mailed to the mailing list for releases issued under the Public Utility Holding Company Act of 1935, and by publication of this notice and order in the FEDERAL REGISTER.

By the Commission.

[SEAL]

ORVAL L. DuBOIS,
Secretary.

[F. R. Doc. 57-1648; Filed, Mar. 4, 1957;
8:52 a. m.]

DEPARTMENT OF LABOR

Wage and Hour Division

LEARNER EMPLOYMENT CERTIFICATES

ISSUANCE TO VARIOUS INDUSTRIES

Notice is hereby given that pursuant to section 14 of the Fair Labor Standards Act of 1938 (52 Stat. 1060, as amended; 29 U. S. C. 201 et seq.), and Part 522 of the regulations issued thereunder (29 CFR Part 522), special certificates authorizing the employment of learners at hourly wage rates lower than the minimum wage rates applicable under section 6 of the act have been issued to the firms listed below. The employment of learners under these certificates is limited to the terms and conditions therein contained and is subject to the provisions of Part 522. The effective and expiration dates, occupations, wage rates, number or proportion of learners and learning periods for certificates issued under general learner regulations (§§ 522.1 to 522.12) are as indicated below; conditions provided in certificates issued under special industry regulations are as established in these regulations.

Apparel Industry Learner Regulations (29 CFR 522.20 to 522.24, as amended March 1, 1956, 21 F. R. 1349).

The following learner certificates were issued for normal labor turnover purposes and, except as otherwise indicated below, not more than 10 percent of the total number of factory production workers were authorized for employment.

Anderson Bros. Consolidated Co's, Inc., Floyd and High Streets, Danville, Va.; effective 3-1-57 to 10-30-57 (coveralls, work pants, work shirts).

Berlin Manufacturing Co., Inc., Berlin, Md.; effective 2-20-57 to 2-19-58; 10 learners (cotton work clothing).

Carl-Lee Trouser Co., Inc., Boston, Ala.; effective 3-1-57 to 9-30-57 (men's slacks).

Champ Trouser Co., Inc., Winfield, Ala.; effective 3-1-57 to 9-30-57 (men's slacks).

Clinton Garment Manufacturing Co., Inc., Clinton, Ky.; effective 2-18-57 to 2-17-58 (men's and boys' parka jackets).

Elder Garment Co., Vandalia, Mo.; effective 3-1-57 to 9-30-57 (dresses).

Fawn Grove Manufacturing Co., Inc., Fawn Grove, Pa.; effective 2-20-57 to 2-19-58 (cotton work clothing).

Fawn Grove Manufacturing Co., Inc., Rising Sun, Md.; effective 2-20-57 to 2-19-58; 10 learners (dungarees, overalls, coveralls, etc.).

Gateway Manufacturing Co., Masontown, Pa.; effective 2-11-57 to 2-10-58 (ladies' blouses and shorts).

Glassboro Shirt Co., 31 North Main Street, Glassboro, N. J.; effective 2-20-57 to 2-19-58; three learners (children's apparel).

Greer Shirt Corp., Greer, S. C.; effective 2-15-57 to 2-14-58 (sport shirts).

Lennie Lee Manufacturing Co., Inc., 105 Sussex Street, Old Forge, Pa.; effective 2-11-57 to 2-10-58; five learners (blouses).

Lerner-Slone Clothing Corp., 304 East Main Street, Carbondale, Ill.; effective 2-14-57 to 2-13-58 (men's slacks and trousers).

Mover Star of Poplarville, Poplarville, Miss.; effective 2-12-57 to 2-11-58 (women's slips, petticoats, and gowns).

Norway Needlecraft Corp., Norway, Mich.; effective 3-1-57 to 9-30-57; 10 learners for normal labor turnover purposes engaged in the production of women's, misses', and children's woven underwear, nightwear, and negligees (underwear, nightwear, and negligees).

Playcraft Corp., Saitillo, Miss.; effective 2-20-57 to 2-19-58 (sportswear, sun suits, jackets).

Puritan Foundations, Portage, Pa.; effective 2-14-57 to 2-13-58 (brassieres and garter belts).

Reliance Manufacturing Co., Factory No. 42, Blytheville, Ark.; effective 3-1-57 to 11-20-57 (replacement certificate) (sport shirts).

Reliance Manufacturing Co., Factory No. 45, Bonne Terre, Mo.; effective 3-1-57 to 10-30-57 (replacement certificate) (men's and boys' unlined jackets).

Reliance Factory No. 47, Farmington, Mo.; effective 3-15-57 to 3-14-58 (women's and girls' outer shorts and slacks).

Reliance Manufacturing Co., St. James, Mo.; effective 3-1-57 to 2-28-58 (women's dresses).

Reliance Manufacturing Co., No. 48, Thayer, Mo.; effective 3-1-57 to 6-19-57 (replacement certificate) (dresses).

Reliance Manufacturing Co., Factory No. 40, Water Valley, Miss.; effective 3-1-57 to 10-14-57 (replacement certificate) (men's cotton work pants and shirts).

D. F. Rodgers Manufacturing Co., Inc., 10 University Ridge, Greenville, S. C.; effective 2-15-57 to 2-14-58 (dresses).

The Seaford Garment Co., Seaford, Del.; effective 2-18-57 to 2-17-58 (dress shirts).

Texas Dress Corp., Bowie, Tex.; effective 2-14-57 to 2-13-58; 10 learners (learners may not be engaged at special minimum wage rates in the production of separate skirts).

Thornby Manufacturing Co., Thornby, Ala.; effective 2-13-57 to 2-12-58; 10 learners (ladies' blouses).

Wellington Manufacturing Co., Okolona, Miss.; effective 2-15-57 to 2-14-58 (men's dress trousers).

The following learner certificates were issued for plant expansion purposes. The number of learners authorized is indicated:

Blue Bell, Inc., Ada, Okla.; effective 2-14-57 to 8-13-57; 95 learners (men's and boys' dungarees).

The Johnie Jan Co., Walnut Ridge, Ark.; effective 2-11-57 to 8-10-57; 20 learners (wash frocks).

Piedmont Blouse Co., Inc., 322 South Davie Street, Greensboro, N. C.; effective 2-11-57 to 8-10-57; five learners (ladies' and children's woven cotton slips).

Reliance Manufacturing Co., No. 48, Thayer, Mo.; effective 3-1-57 to 5-22-57; 20 learners (replacement certificate) (dresses).

Salley Manufacturing Co., Salley, S. C.; effective 2-13-57 to 8-12-57; 5 learners (women's slacks and Bermuda shorts).

Thornby Manufacturing Co., Thornby, Ala.; effective 2-13-57 to 8-12-57; 10 learners (ladies' blouses).

Troutman Shirt Co., Mooresville, N. C.; effective 2-15-57 to 8-14-57; 30 learners (work shirts and work pants).

Cigar Industry Learner Regulations (29 CFR 522.80 to 522.85, as amended March 1, 1956, 21 F. R. 629).

T. E. Brooks & Co., 31 South Pine Street, Red Lion, Pa.; effective 2-16-57 to 2-15-58; authorizing the employment of three learners for normal labor turnover purposes in the occupation of packing (cigars retailing for more than 6 cents), for 320 hours; and in the occupation of packing (cigars retailing for 6 cents or less) for 160 hours; all at 80 cents an hour.

Hosiery Industry Learner Regulations (29 CFR 522.40 to 522.43, as amended March 1, 1956, 21 F. R. 629).

Chester H. Roth Co., Inc., Burlington, N. C.; effective 2-14-57 to 2-13-58; authorizing the employment of 5 percent of the total number of factory production workers for normal labor turnover purposes (full-fashioned).

Knitted Wear Industry Learner Regulations (29 CFR 522.30 to 522.35, as amended March 1, 1956, 21 F. R. 581).

Norway Needlecraft Corp., Norway, Mich.; effective 2-15-57 to 8-14-57; 26 learners for

expansion purposes engaged in the production of knitted underwear, nightwear, and negligees (underwear, nightwear, and negligees).

Reliance Manufacturing Co., Houston, Miss., effective 3-1-57 to 10-8-57; 5 percent of the total number of workers engaged in the production of shorts for normal labor turnover purposes (replacement certificate) (men's and boys' shorts).

Shoe Industry Learner Regulations (29 CFR 522.50 to 522.55, as amended March 1, 1956, 21 F. R. 1195).

Martinsburg Shoe Co., Inc., 107 Highland Street, Martinsburg, Pa.; effective 2-24-57 to 2-23-58; 10 percent of the total number of factory production workers for normal labor turnover purposes.

Each learner certificate has been issued upon the employer's representation that employment of learners at subminimum rates is necessary in order to prevent curtailment of opportunities for employment, and that experienced workers for the learner occupations are not available. The certificates may be annulled or withdrawn in the manner provided in Part 528 and as indicated in the certificates. Any person aggrieved by the issuance of any of these certificates may seek a review or reconsideration thereof within fifteen days after publication of this notice in the FEDERAL REGISTER pursuant to the provisions of Part 522.

Signed at Washington, D. C., this 21st day of February 1957.

MILTON BROOKE,
Authorized Representative
of the Administrator.

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